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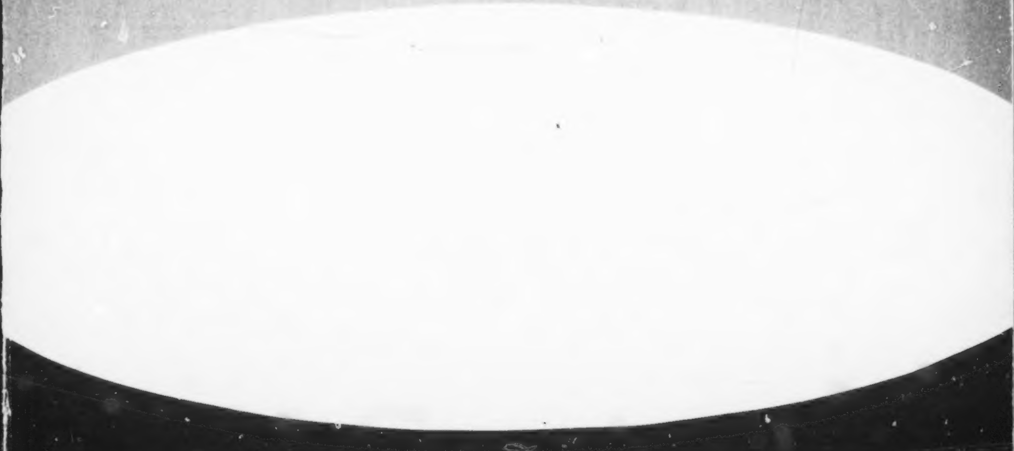

soya bluebook

an ASA publication

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Gravity Separator Series
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If you condition soybeans, corn or small grains, you know what you're looking for in a seed cleaner...cleaning efficiency, simple operation, low maintenance and quick clean-out between lots.

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Our quality line of machinery features rubber ball screen cleaners, which keep the screens continuously clean.

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World Headquarters – Decatur, IL 62525
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SOYBEANS: A SUCCESS SAGA

The soybean success saga involves farmers, processors, transporters, grain companies and international trading firms.

SOYA BLUEBOOK represents a vital tool for this worldwide soybean industry. This **directory and buyer's guide** brings international soybean buyers and sellers together. From BLUEBOOK's directory of suppliers to its tables of economic data, SOYA BLUEBOOK provides valuable information for soybean specialists here in the U.S. and around the world.

The American Soybean Association—as a farmer-controlled U.S. commodity organization—is pleased to present the 1984 SOYA BLUEBOOK as an important marketing tool for all who are involved in the worldwide soybean industry. Our farmers are interested in growing and selling soybeans at profitable prices.

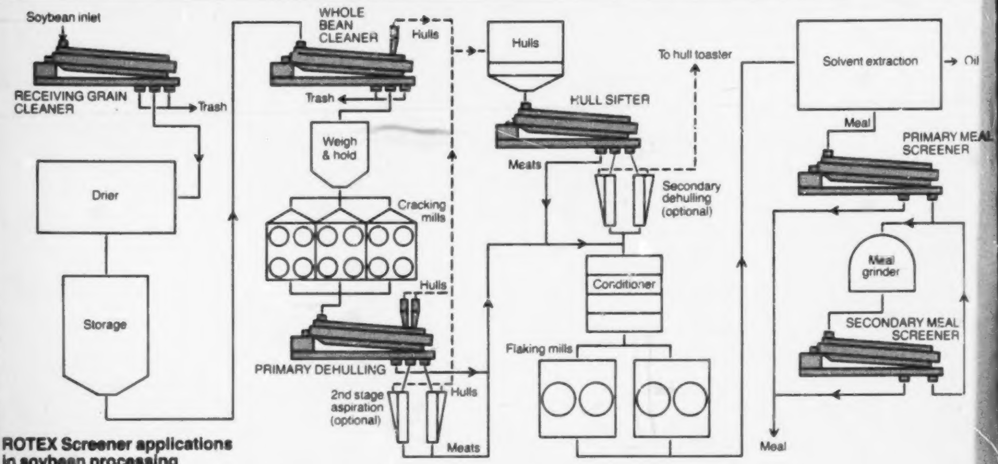
The American Soybean Association's strategic study "2002, A Blueprint for Soybeans" projects the world will need seven billion bushels of soybeans by the year 2002. The U.S. market share will most likely reach four billion bushels. This project requires increased U.S. soybean production to meet continued increases in worldwide utilization of soybeans, soybean oil and soybean meal.

We look forward to assisting you and your company in the use of high quality soybeans. We hope this issue of SOYA BLUEBOOK will assist your efforts.

Kenneth L Bader

Dr. Kenneth L. Bader
Chief Executive Officer
American Soybean Association

How Rotex® Screeners increase profits for soybean processing plants


Soybean inlet
RECEIVING GRAIN CLEANER
Trash
Drier
Storage
WHOLE BEAN CLEANER
Hulls
Trash
Weigh & hold
Cracking mills
Hulls
PRIMARY DEHULLING
2nd stage aspiration (optional)
Hulls
Meats
Hulls
HULL SIFTER
Meats
To hull toaster
Secondary dehulling (optional)
Conditioner
Flaking mills
Solvent extraction
Oil
Meal
PRIMARY MEAL SCREENER
Meal grinder
SECONDARY MEAL SCREENER
Meal

ROTEX Screener applications in soybean processing

It's surprising how many ways soybean processing plants use ROTEX Screeners. And every application area, from receiving station to meal processing, contributes directly to the soybean plant's bottom line. You profit through greater yields, as ROTEX Screeners minimize the loss of good product during processing. You profit from ROTEX reliability and less downtime. And from more accurate and uniform sizing, for a better quality end product. In every respect, ROTEX Screeners are specifically engineered to meet the requirements of difficult soybean applications.

Receiving cleaning — Increasing emphasis is being placed today on the cleaning of incoming grain to remove fines, whose presence tends to restrict circulation and cause product loss during storage. ROTEX Grain Cleaners are ideal for this application because they use a *long stroke/low frequency* horizontal screening motion. The motion quickly stratifies the fines down against the screen openings without violent agitation and remixing; fines readily pass through while the gentle motion minimizes grain breakage and produces maximum yields.

Prep room whole bean cleaning — Field trash and other oversize foreign matter are quickly removed by ROTEX Screeners as the horizontal gyratory motion minimizes upending of trash and helps prevent screen blinding. ROTEX Screeners can be furnished with aspiration for automatic removal of loose hulls and other light material off the top of the bed of whole beans — while removing grit and fines prior to cracking.

Cracked bean dehulling — The ROTEX horizontal gyratory motion causes hulls to ride up on top for easy aspiration, as the meats move to the bottom for steady conveying off the screen surface. Efficient hull removal is accomplished with minimum loss of meats.

Hull sifting — ROTEX Screeners produce accurately and uniformly sized fractions, which permits use of falling bed aspirators for additional meat recovery in secondary dehulling systems.

Meal sifting — The high capacities of ROTEX Screeners save floor space and power while producing efficient separations and reducing recycle load on the grinding mill.

Over 70 years' experience — Whatever your requirements in soybean processing, ROTEX INC. can help increase your yields and your profits. Our test lab is available for analysis and demonstration on your material, or field visits can be arranged to ROTEX installations. Call or write today for further information. ROTEX INC., 1236 Knowlton Street, Cincinnati, Ohio 45223.

For name of your nearest ROTEX representative, call TOLL-FREE 1-800-243-8160 (in CT 1-800-842-0225).

Model 722 ROTEX Grain Cleaner equipped for aspiration

ROTEX INC.

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SOYA BLUEBOOK is published each July. Listings are provided to qualified members of the soybean industry. Every effort has been made to present a publication free of errors and/or omissions. In the event either occur, please contact the editor of *SOYA BLUEBOOK* so corrections can be made in future editions. For additional copies of *SOYA BLUEBOOK* ($25), contact Circulation & Sales Department. For advertising rate information, contact *SOYA BLUEBOOK* Advertising Manager. All inquiries should be directed to:

SOYA BLUEBOOK
P.O. Box 27300
St. Louis, MO 63141 U.S.A.

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HELP
WANTED

Soybeans, one of the top cash crops for U.S. farmers, are responsible for creating more and more jobs in industry and a better balance of payments for the nation.

This year, farmers will again raise more than 2 billion bushels of soybeans. One-third or so of that crop will be exported as whole beans. An additional share of this crop will be shipped abroad as processed oil and meal; oil for cooking, meal for use in animal feeds.

And that's worth noting. Because the point is: The more processing we can do here at home, the more "value added" to the soybeans and the more our economy benefits.

For example, each $1 million of whole soybeans exported will generate about 135 jobs for American workers. If that same amount of soybeans is first processed into oil and meal before being exported, their dollar value will rise considerably and another 50 or so workers will be needed to do the job.

But whether we're exporting these "value added" products or whole soybeans, our freedom to trade is the real key to adding more jobs to America's payrolls and more income for America's farmers.

Continental Grain Company, 277 Park Avenue, New York, NY 10172.

Continental Grain

When value is added to soybeans, jobs are added to payrolls.

FROM THE EDITOR . . .

SOYA BLUEBOOK has been published annually by the American Soybean Association since 1947 and serves as an international reference and directory to promote the sale and utilization of American soybeans and soybean products.

SOYA BLUEBOOK is divided into four sections. (1) **Organizations** concerned with soybean research, utilization and market development are listed in the first section. (2) The **Soy Directory** identifies processors and refiners, soyfoods manufacturers, industrial product manufacturers and exporters/importers. (3) The **Buyer's Guide** lists companies that provide appropriate equipment, supplies or services to the industry. (4) The **statistical section** has maps and tables of U.S. and world production, its value, utilization and export/import.

Information for all listings is obtained from questionnaires sent directly to the companies. Firms responding with updated or verified information are identified by an asterisk (*). Established policy of some firms restricts information available for publication, however, the information is as complete as possible. The publisher of SOYA BLUEBOOK will not be responsible for any omissions which may have been made unavoidably.

organizations

The following organizations are independent or government groups that serve the soybean industry as informational sources and whose activities are directed toward or include emphasis on production, processing, research, marketing and use of soybeans and soybean products.

AMERICAN SOYBEAN ASSOCIATION

Founded: 1920 Organized: 1925 Incorporated: February 28, 1946

Home Office: 777 Craig Road, P.O. Box 27300, St. Louis, MO 63141.
Ph. 314-432-1600. TLX: 4312061 (USBEANS STL).

Washington Office: 600 Maryland Ave., SW, Suite 510, Washington, DC 20036.
Ph. 202-554-7804.

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REGIONAL MANAGERS

Provide support to state checkoff and state soybean association boards in the establishment, execution and maintenance of checkoff, membership, export promotion, research, education and government relations programs.

REGION 1: Minnesota, North Dakota, South Dakota
Aleks Cerne; Jeff Olson, 360 Pierce Ave., Suite 110, North Mankato, MN 56001, Ph. 507-388-1635.

REGION 2: Kentucky, Tennessee,
Carlton Earhart, 215 East 21st Street, P.O. Box 526, Hopkinsville, KY 42240, Ph. 502-885-1446.

REGION 3: Kansas, Oklahoma, Texas
Alan Krob, 6308 S. Cedar Ave., Broken Arrow, OK 74011, Ph. 918-455-7904.

REGION 4: Iowa
Les Rhodes; Steve Pedersen, Marc Heiden, Scott Stone, Suite 600, West Towers, 1200 35th St., West Des Moines, IA 50265, Ph. 515-223-1423.

REGION 5: Missouri
Tony Ballmann, 322 Jefferson, Box 1771, Jefferson City, MO 65102, Ph. 314-635-3819.

REGION 6: Illinois, Wisconsin
Bill Tiberend; Dave Drennan, P.O. Box 2901, Bloomington, IL 61702, Ph. 309-663-9433.

REGION 7: Indiana
Darwyn Nelson, 130 E. Washington, P.O. Box 1290, Indianapolis, IN 46206, Ph. 317-263-7836.

REGION 8: Michigan, Ohio
Doug Leith, 2097 S. Hamilton Road, Office 205, Columbus, OH 43232, Ph. 614-864-7692.

REGION 9: Delaware, Maryland, New Jersey, North Carolina, Pennsylvania, Virginia

Jerry Kennedy, One Plaza E., Suite 420, P.O. Box 319, Salisbury, MD 21801, Ph. 301-742-9500.

REGION 10: Arkansas, Louisiana, Mississippi
Kenny Brantley, 237 Primrose, Greenville, MS 38701, Ph. 601-332-0146.

REGION 11: Alabama, Florida, Georgia, South Carolina
Don Koehler, 1001 N. Central Ave., P.O. Box 2007, Tifton, GA 31794, Ph. 912-382-4900.

REGION 12: Nebraska
David Bohling, 301 Centennial Mall So., 4th Floor, Box 95144, Lincoln NE 68509, Ph. 402-471-2341.

COUNTRY DIRECTORS

Overseas Directors are assigned the broad task of increasing the utilization of U.S. soybeans and soybean products outside the U.S. Currently, more than 74 countries are directly serviced by ASA's 11 foreign offices.

Country Directors work closely with the U.S. Department of Agriculture, Foreign Agricultural Service; agricultural attaches and trade officers assigned to overseas posts; and local individuals and groups involved with oilseeds production, consumption and marketing.

ASA maintains the following offices:

ASIA, SOUTHEAST
Dr. Don Bushman, 541 Orchard Rd. #15-01 Liat Towers, Singapore 0923, Republic of Singapore. Ph. 737-6233; TLX: 33229 (USATO).

EUROPE, EAST
Tom Brennan, Gatterburggasse 18/2/3, A-1190 Vienna, Austria. Ph. 374118; TLX: 847-135132 (AMSOY A).

EUROPE, NORTH
Dr. Karl W. Fangauf, Pelzerstrasse 13, 2 Hamburg 1, Federal Republic of Germany. Ph. 330516 or 336783; TLX: 841-2163420 (SOYA D).

EUROPE, WEST
Dennis Blankenship, Centre International Rogier, Rm. 2501-2506, Boite 521, 1000 Brussels, Belgium. Ph. 217-2075; TLX: 846-26128 (AMSOYA B).

JAPAN
Gunnar Lynum, Akasaka Tokyu Bldg., 11th Floor, 2-14-3 Nagatacho, Chiyoda-ku, Tokyo, Japan 100. Ph. 593-2501; TLX: 781-28638 (USBEANS).

KOREA
Dr. Kyung Lee, 63 Euljoro 1-ka, Chung-ku, K.P.O. Box 1704, Seoul, Korea. Ph. 778-9114; TLX: 787-25823 (SOLATO K).

MEXICO AND CENTRAL AMERICA
Gil Harrison, Rio Sena No. 26, Col. Cuauhtemoc, Mexico, D.F. 06500. Ph. 566-9490; TLX: 1762261 (SOYA ME).

MID-EAST & IBERIAN PENINSULA & AFRICA
David Wilson, Piquer 7, 4° Izda., Madrid 33, Spain. Ph. 202-9142; TLX: 831-46008 (SOYA E).

PEOPLE'S REPUBLIC OF CHINA
Terence B. Foley, Hepingmen Kaoyadian 406, Beijing, People's Republic of China. Ph. 34-2476; TLX: 716-22203 (USCOP) or 716-22439 (JGHBJ CN).

SOUTH AMERICA & CARIBBEAN
New office. Position unfilled as of print date.

TAIWAN
Dr. Steve Chen, Rm. 603, Kwang-Wu Bldg., 386-12 Tun Hua South Rd., Taipei, Taiwan. Ph. 781-2110; TLX: 19422 (USBEANS).

ACTIVITIES

The American Soybean Association is a national non-profit, volunteer, single commodity organization of soybean farmers organized to assure the opportunity of a profitable soybean industry. Approximately 28,000 members from 26 affiliated state associations are members of ASA. State associations elect directors, based on production levels, to serve on the ASA Board of Directors. The Board of Directors is responsible for directing activities in accordance with ASA policies, approving budgets, evaluating ASA programs and contracting with the American Soybean Development Foundation to carry out education, research and market development activities. ASA does not directly market soybeans and/or soybean products. ASA:

1. Conducts and supports programs to create and develop markets for soybeans and soybean products.
2. Conducts and supports effective programs of research and education.
3. Monitors and influences U.S. governmental programs and policy to represent the best interest of American soybean farmers.
4. Provides production and marketing information and develops public relations programs which identify and promote ASA.

OBJECTIVES

1. To promote profitable soybean production for U.S. farmers and the total soybean industry.
2. To be the worldwide spokesman for all U.S. soybean farmers.
3. To maintain a national association of soybean farmers to act as an umbrella organization for all affiliates.
4. To promote utilization of U.S. soybeans and soybean products worldwide through cooperative producer, industry and government market development programs.
5. To assure a free world market for soybeans, and therefore, a continued increase in demand for U.S. soybeans.
6. To assure adequate support for soybean research.
7. To inform U.S. soybean farmers of current production and marketing information.

PUBLICATIONS

The American Soybean Association publishes three publications on a regular basis:

SOYBEAN DIGEST is the only production/management magazine in the world produced for soybean farmers. Issued nine times a year, SOYBEAN DIGEST publishes information on improved management skills and production techniques that help increase soybean farmer profits.

SOYBEAN UPDATE is provided exclusively to ASA members 50 times a year to provide growers with timely information to help them make marketing decisions.

SOYA BLUEBOOK, published each July, is a directory of the soybean industry. BLUEBOOK is available to anyone at a subscription price of $25 per book.

MEMBERSHIP

ACTIVE MEMBERSHIP. Any person who is an actual producer of soybeans whether as owner, manager or operator may apply for active membership in the Association by completing an application form furnished by the Association and submitting the same to the Association, together with payment of the dues fixed by the Association. Such application shall be considered by the Board of Directors or by such person or persons designated by such board. If such application is granted, the applicant's name shall be entered on the Association's books as an active membership, and such member (or spouse) shall have full voting rights and may receive SOYBEAN UPDATE and SOYBEAN DIGEST.

ASSOCIATE MEMBERSHIP. Any persons, business organizations, corporations, partnerships and other agencies who are engaged in the promotion and interests of soybeans or soybean products may apply for associate membership in the Association by completing and submitting an application form furnished by the Association, together with payment of the dues established by the Association. Such application shall be considered by the Board of Directors or its designee, and if approved, the applicant may then be recorded as an associate member. Such associate members will carry all membership privileges in the Association except the right to vote and may receive SOYBEAN UPDATE and SOYBEAN DIGEST.

FOREIGN CONTRIBUTING MEMBERS. Any foreign business organizations, corporations, partnerships and other agencies and persons interested in the welfare of the soybean industry shall be extended the privilege of holding foreign contributing memberships in the Association by payment of the dues fixed by the Association. Such foreign contributing members will carry all membership privileges in the Association except the right to vote and may receive SOYBEAN UPDATE, SOYBEAN DIGEST and SOYA BLUEBOOK. Foreign includes all members outside the continental United States and Canada.

AFFILIATED ASSOCIATIONS—ASA now has 26 affiliated state associations, a rapid development since the first state association was organized in 1962.

MEMBERSHIP INFORMATION may be obtained by writing to: Membership & Education Department, 777 Craig Road, P.O. Box 27300, St. Louis, MO 63141. Ph. 314-432-1600; TLX: 4312061.

MARKET DEVELOPMENT PROGRAMS

Soybeans consistently provide the most cash income for American farmers. Over half the soyeans and soybean oil and meal produced in this country are exported, providing valuable trade revenue for the U.S. government and increased income to the U.S. farmer. The value of soybeans and soybean products exported in 1982 rose to $8.4 billion, accounting for almost 20 percent of the total value of U.S. ag exports. Today, soybeans and soybean products are the largest agricultural export commodity in the U.S. In 1983, U.S. soybean farmers invested almost $6 million of their own checkoff funds for more than 200 market development projects in 76 countries. These programs have successfully created a new or expanded demand for soybeans overseas and have helped to increase profits of U.S. farmers.

RESEARCH

Soybean research is a key to unlocking new opportunities for soybean profits. Through farmer investment in the soybean checkoff, farmers fund soybean research at the state and national level. Research investments help stimulate demand by improving product quality and developing new uses for soybeans and soybean products. Research also reduces production costs by helping cut harvest losses, reducing disease problems and developing improved varieties.

AMERICAN SOYBEAN DEVELOPMENT FOUNDATION

Farmer-boards managing the 25 state checkoff programs allocate a portion of their funds to the American Soybean Development Foundation (ASDF). ASDF directors contract with the American Soybean Association to implement market development, research and education programs designed to build soybean farmer profits as outlined according to the state checkoff programs.

INTERNATIONAL FOUNDATION FOR AGRICULTURAL DEVELOPMENT

P.O. Box 12572, St. Louis, MO 63141,
Ph. 314-432-7464

International Foundation for Agricultural Development (IFAD) is a wholly owned subsidiary of the American Soybean Association organized to provide expert technical assistance to the soy processing and utilization industry of the world.

Projects are supported by professional staff located in St. Louis, MO, Washington, D.C. and 11 foreign offices. Services range from feasibility studies to turnkey production operations. Special consultants are used to provide particular expertise. IFAD's primary objective is to improve the quality of nutrition through proper processing and utilization of soybeans.

NATIONAL SOYBEAN PROCESSORS ASSOCIATION

Organized: 1930
Executive Office: 1800 M Street, NW, Washington DC 20036. Ph. 202-452-8040.

OFFICERS

CHAIRMAN—Donald H. Leavenworth, Cargill, Inc.
PRESIDENT—Sheldon J. Hauck

National Soybean Crop Improvement Council (NSCIC) — Robert W. Judd, 211 S. Race St., Urbana, IL 61801, Ph. 217-367-0412.

Regular membership in the National Soybean Processors Association is open to individual firms or corporations engaged in the actual processing of soybeans. The Association has 17 regular member firms which process more than 98% of the soybeans crushed in the United States.

Firms which are consumers of soy oil and/or soybean meal are eligible for associate membership. A number of refiners and mixed-feed manufacturers are associate members of the Association.

Association policy is determined by its board of directors who represent all sections of the processing areas and all types of processing units. The 7 committees of the Association carry on the general activities of the group.

Through this organization, equitable trading rules have been developed to serve buyers and sellers of soybean products.

NSPA encourages close cooperation between the soybean processing industry and the U.S. government, on such issues as international trade negotiations, environmental protection regulation and domestic agriculture legislation.

The NSPA Export Development Committee monitors the American soybean meal export system and has developed revised and new trading rules improving the efficiency of the export process and the quality of products in international trade.

The National Soybean Crop Improvement Council was established in 1941 to encourage U.S. soybean production. The Council cooperates with agronomy departments and experiment stations, the U.S. Department of Agriculture and all segments of the soybean industry to encourage agronomic research for the purpose of reducing soybean production costs and providing improved strains of soybeans. The educational activities of the Council serve to promote the adoption of improved agronomic practices.

An advisory board for the Council was formed in 1950 and consists of 23 university agronomy department heads, 4 scientists from USDA, a representative from Commercial Soybean Breeders and one representative from the American Soybean Association. The advisory board serves as a liaison between the Council and scientists engaged in all phases of soybean production research.

Official trading rules governing the purchase and sale of soybean meal and soy oil are carried in the YEAR BOOK AND TRADING RULES of the National Soybean Processors Association. Copies of the yearbook may be obtained at $15 per copy at the Association's Washington office.

SOY PROTEIN COUNCIL

Organized: 1971
Formerly Food Protein Council
Executive Office: 1800 M St., NW, Washington, DC 20036. Ph. 202-467-6610.

OFFICERS

CHAIRMAN—Tony Cahill
EXECUTIVE VICE PRESIDENT—Sheldon J. Hauck
DIRECTOR OF REGULATORY AFFAIRS COMMITTEE—Dinah D. McElfresh

The Soy Protein Council is comprised of 6 member firms regularly engaged within the United States in the actual processing or sale of edible vegetable proteins or products.

Goals of the council are to build awareness of the established nutritional properties of commercially available vegetable proteins and to participate in the formulation of U.S. nutrition goals and policies; to assist U.S. government agencies, the scientific community, the food processing industry, and public interest groups in better understanding the role and utilization of vegetable proteins in the food system; and to work toward the establishment of harmonized world food regulations that maximize the economic and nutritional properties of vegetable proteins in the world food supply.

ONTARIO SOYA-BEAN GROWERS' MARKETING BOARD

Office: 180 Riverview Drive, P.O. Box 1199, Chatham, Ont. N7M 5L8, Canada.
Ph. 519-352-7730; TLX: 064-78546.

OFFICERS

CHAIRMAN—Peter Epp
SECRETARY MANAGER—Doug White

Nineteen thousand grower members. Purpose is to regulate the marketing of soybeans in Ontario. The board negotiates the terms and conditions of sales with dealers and processors. The board does not conduct actual purchase and sale, though it has power to do so. The board is financed by license fees paid by each grower according to the number of tonnes of soybeans sold. At present the fee is 90 cents per tonne, of which 18 cents is designated to promotion, research and advertising.

The Ontario Soya-Bean Growers' Marketing Board provides a toll-free telephone service 24 hours a day on prices offered by crushers to dealers and growers.

NATIONAL INSTITUTE OF OILSEED PRODUCTS

Organized: 1934
Executive Office: 111 Sutter, San Francisco, CA 94104.

OFFICERS

PRESIDENT—Robert E. Thomaier
FIRST VICE PRESIDENT—Albert F. Mogerley

This institute is a trade organization having as a principal objective the promotion of the general business welfare of persons and firms engaged in buying, selling, processing, shipping, manufacturing and otherwise interested in vegetable oils and vegetable oil raw materials.

COMMERCIAL SOYBEAN BREEDERS

Organized: 1977

For more information, write: John Schillinger, Chairman
c/o Asgrow Seed Company
634 East Lincolnway
Ames, IA 50010

There are 61 current, active members in the organization. Soybean breeders in private industry may join.

Soybean variety development funded by commercial seed interests has grown dramatically over the last 10 years. With over 30 soybean breeders now working in the private sector (a number approximately equal to those working in the public sector), this organization represents the common interests of private efforts.

Purposes include:

- To encourage and promote a professional image and attitude among commercial soybean breeders.
- To encourage and promote a better working relationship among private and public soybean breeders.
- To encourage and promote more effective utilization of existing germplasm in all soybean breeding programs.

UNITED STATES DEPARTMENT OF AGRICULTURE

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T.B. Kinney, Administrator, Agricultural Research Service
Mary Nell Greenwood, Administrator, Extension Service
J. Patrick Jordan, Administrator, Cooperative State Research Service
Richard A. Farley, Director, National Agricultural Library

Cooperative State Research Service
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Agricultural Research Service
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National Program Staff
BARC-West, Beltsville, MD 20705

Plant and Natural Resource Sciences Staff
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(Vacant), Forage, Pasture & Range
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C. Murphy, Corn, Sorghum & Millet Production
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R.F. Follett, Soil Productivity/Env. Quality
A.R. Grable, Systems, Remote Sensing
M.E. Jensen, Water Management/Salinity
S.L. Rawlins, Natural Resources
G. Still, Crop Production
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soy protein council

FORMERLY FOOD PROTEIN COUNCIL 1971-1981

Shaping the Future of Food

Council Purposes

- To build awareness of the established nutritional properties of commercially available vegetable proteins, and to participate in the formulation of U.S. nutrition goals and policies.
- To assist government agencies, the scientific community, the food processing industry and public interest groups to better understand the role and use of soy proteins in the food system.
- To work toward harmonized world food regulations that permit and encourage maximum use of soy proteins in the world food supply.

Membership

Members of the Soy Protein Council are firms that process and sell soy proteins or food products containing soy proteins.

Activities

The principal activity of the Soy Protein Council is to broaden the acceptance of soy proteins as key components of the worldwide food system. To that end, the Council pursues programs of government relations, public affairs, media information, and international market liaison.

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South Dakota State University, Brookings 57007; Agricultural Experiment Station, 605-688-4149; Dept. of Plant Science, 605-688-5121.
Arnold, W.E.; Weed Control
Bonnemann, J.; Performance Testing
Dybing, C.D.; Physiologist
Ferguson, M.W.; Pathologist
Schumacher, T.E.; Soil Physics
Shubeck, F.E.; Fertility

TENNESSEE

University of Tennessee, P.O. Box 1071, Knoxville 37901. 615-974-7101.
Allen, F.; Plant & Soil Science
Seatz, L.F.; Plant & Soil Science

West Tennessee Experiment Station, Jackson 38301. 901-424-1643.
Hayes, R.M.; Plant & Soil Science
Young, L.D.; Nematologist

TEXAS

Texas A&M University Agricultural Research & Extension Center, Rt. 3, Lubbock 79401. 806-746-6101.
Brigham, R.D.; Breeder, USDA Collaborator
Young, J.K.; Agronomist

Texas A&M University Agricultural Research & Extension Center, Box 999, Beaumont 77706. 409-752-2741.
Bowers, G.; Breeder
Si, J.; Physiologist

VIRGINIA

Agricultural Experiment Station, Blacksburg 24061. 703-961-6305.
Buss, G.R.; Geneticist

Eastern Virginia Research Station, Warsaw 22572. 804-333-5255.
Camper Jr., H.M.; Superintendent, USDA Collaborator

WISCONSIN

University of Wisconsin, Madison 53706. 608-262-1390.
Gritton, E.T.; Agronomy, USDA Collaborator
Oplinger, E.S.; Agronomy
Pendleton, J.W.; Agronomy
Schrader, L.E.; Agronomy

There's a Bunge elevator near you to give you top dollar for your soybeans

Bunge is one of the nation's leading exporters of soybeans, soybean oil and soybean meal. Because we do such a large volume of business, we're in the market for soybeans 365 days a year. And we pay the best possible price for your beans—by the truckload or by the carload!

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Bunge Corporation has elevators strategically located throughout soybean country in Arkansas, Mississippi, Louisiana, Kentucky and Tennessee with district headquarters in Greenville, Mississippi, and Osceola and Pine Bluff, Arkansas.

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soy directory

The Soy Directory is a compilation of companies that process or handle soybeans worldwide. There are five major categories in the Soy Directory.

U.S. soybean crushers and refiners are listed in **Section 1**. Non-U.S. companies are listed in **Section 2**. Functions of the facility are identified by codes following the company name: (P) processor (crusher), (R) refiner, (SF) soyfoods manufacturer, (IP) industrial products manufacturer. Each listing includes an overview of company/plant functions: type of processing equipment used (solvent or press), processing and refining capacity and/or average output per day, total on-site raw material storage capacity, resulting products and available transportation modes.

If a crusher or refiner manufactures soyfoods or industrial products, they are listed again under those categories. U.S. firms are listed first by state location and non-U.S. firms, by country. Companies are then organized alphabetically by company name.

In **Section 3** (soyfoods) and **Section 4** (industrial products), companies are listed by general product categories. Brand names (if provided by the company) are highlighted in each listing.

Exporters/Importers are listed alphabetically in **Section 5**. These firms are involved with the transfer of soybeans or soybean products from one country to another. The materials they handle are included within the listings.

U.S. OIL EXTRACTION PLANTS/REFINERIES 23
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U.S. Oil Extraction Plants/Refineries

*Updated listing

ALABAMA

BUNGE CORP. (P)*
1400 Market St., Decatur 35602; Main office: New York, NY; TLX: RCA 233554, ITT 420099.
CONTACT PERSON: Tom Pfendler, Dist. Mgr.
Solvent cap. 2,500T/day; soy meal; crude and crude degummed oil. Served by truck, rail and barge.

CONTINENTAL GRAIN CO. (P R)*
Guntersville 35976, Ph. 205-582-5614;
Main office: New York, NY.
CONTACT PERSON: Richard D. Day
Solvent cap. 1,000T/day. Degumming.

ARKANSAS

AG PROCESSING INC. (P)*
P.O. Box 389, Van Buren 72956.
Ph. 501-474-6871; Main office: Omaha, NE
CONTACT PERSON: Larry Heatherington, Plant Mgr. or Rich Lee, Merch. Mgr.
Solvent cap. 700T/day; storage cap. 1,000,000 bu.; soy meal. Served by truck and rail.

ARCHER DANIELS MIDLAND CO. (P)*
Foot of E. 9th St., Little Rock 72203,
Ph. 501-372-0277; Main office: Decatur, IL;
TLX: 250121.
CONTACT PERSON: Rick Benware, Plant Mgr.
Hexane solvent; ARCHER 44% and 48% soy meal. Served by rail.

CARGILL INC. (P)*
P.O. Box 528, Osceola 72370, Ph. 501-563-5263;
Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: C.L. Smith
Hexane solvent; CARGILL soy meal. Served by rail.

RICELAND FOODS (P R SF IP)*
Helena 72342; Main office: Stuttgart, AR.
CONTACT PERSON: W.E. Higginbothom, Mgr.
Solvent cap. 1,500T/day; 44% and 49% soy meal. Refining, degumming and deodorizing. Served by rail.

RICELAND FOODS (P R SF IP)*
2120 S. Park Ave., P.O. Box 926,
Stuttgart 72160, Ph. 501-673-5500;
Cable: ARKANGO; TWX: 910-720-6240;
TLX: 536464.
CONTACT PERSON: George Vickers, Div. Mgr.
Solvent cap. 800T/day; 44% and 49% soy meal. Refining, degumming and deodorizing. Served by rail.

SOUTHERN COTTON OIL (P)*
Div. of Archer Daniels Midland Co.
324 Buckeye St., North Little Rock 72119,
Ph. 501-945-1414; Main office: Decatur, IL.
CONTACT PERSON: John Adams

CALIFORNIA

ANDERSON, CLAYTON FOODS (R)
P.O. Box 10051, Fresno 93745,
Ph. 209-233-5786.
CONTACT PERSON: Tom Bostic, Mgr.

BEST FOODS DIV. (R)*
CPC International Inc.
San Francisco 94110; Main office: Englewood Cliffs, NJ; TLX: 135440.
CONTACT PERSON: C.A. Cravens, Natl. Sales Mgr.
Fully refined and hydrogenated oil.

HUMKO PRODUCTS (R)*
Kraft Inc.
Buena Park 90622, Ph. 714-523-0370;
Main office: Memphis, TN.
Refine and deodorize cottonseed, soybean, peanut and other vegetable oils.

HUNT-WESSON FOODS INC. (R SF)
1645 W. Valencia Dr., Fullerton 92634.
Refining and deodorizing.

LEVER BROS. CO. (R)
6300 E. Sheila St., Los Angeles 90022.
Refining and deodorizing. Served by truck/rail.

LIBERTY VEGETABLE OIL CO. (P R)*
P.O. Box L, Norwalk 90650, Ph. (Norwalk) 213-921-3567, (Los Angeles) 213-773-2092; TLX: 691-608.
CONTACT PERSON: C.W. Adams, VP
8 continuous press cap. 120T/day; storage cap. 300,000 bu.; Refining, bleaching, deodorizing and winterizing. Served by rail.

PROCTER & GAMBLE MFG. CO. (R)*
P.O. Box 440, Long Beach 90801.

DELAWARE

TOWNSEND'S INC. (P)*
P.O. Box 468, Millsboro 19966,
Ph. 302-934-9221.
CONTACT PERSON: George A. Adkins, VP
Hexane solvent cap. 1,000T/day; storage cap. 7,280,000 bu.; TOWNSEND'S INC. soy meal, mixed feeds, crude and crude degummed oil. Served by truck and rail.

GEORGIA

ARCHER DANIELS MIDLAND CO. (P)*
P.O. Box 729, Augusta 30903, Ph. 404-722-8866; Main office: Decatur, IL; TLX: 250121.
CONTACT PERSON: Duane Stroh, Plant Mgr.
Hexane solvent; ARCHER 44% and 48% soy meal. Served by rail.

CARGILL INC. (P R)*
P.O. Box 1298, 949 Ridge Rd., Gainesville 30501, Ph. 404-535-3100; Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: Edgar T. Savidge
Solvent; CARGILL soy meal, refined edible and hydrogenated oils. Served by rail.

GOLD KIST INC. (P)*
Box 2210, Atlanta 30301, Ph 404-393-5022; TLX: 542338 or 708404. Plant at: Valdosta, GA.
CONTACT PERSON: Gaylord Coan, Grp. VP, Agricommodities

GOLD KIST SOY (P)*
Box 1589, Valdosta 31601, Ph. 912-242-0100; Main office: Atlanta, GA.
CONTACT PERSON: G. Marshall Smitherman, Div. Mgr.
Solvent cap. 1,875T/day; storage cap. 6 million bu.; soy meal, crude and crude degummed oil.

HUNT-WESSON FOODS INC. (R SF)
P.O. Box 247, Savannah 31402.
Refining and deodorizing.

ILLINOIS

ANDERSON CLAYTON FOODS (R)
P.O. Box 368, Jacksonville 62650,
Ph. 217-245-4134.
CONTACT PERSON: Ray Scott, Mgr.

ARCHER DANIELS MIDLAND CO. (P R SF IP)*
4666 Faries Pkwy., Decatur 62526,
Ph. 217-424-5200; TLX: 250121;
Plants at: Little Rock, AR; Augusta, GA; Decatur, Galesburg and Granite City, IL; Mankato and Red Wing, MN; Fredonia, KS; North Kansas City, MO; Lincoln and Fremont, NE; Kershaw, SC. Southern Cotton plants at: North Little Rock, AR; Clarksdale, MS; Memphis, TN.
CONTACT PERSON: Harry Ground, Plant Mgr.
Hexane solvent; ARCHER 44%, 48%, 49% and 50% soy meal; soy meal pellets; mixed feed; crude, crude degummed, once refined, fully refined and hydrogenated oil; defatted, low-fat soy flour, soy concentrate, TVP; ARCHER soy cooking and salad oil; deodorizing and winterizing. Served by truck, rail and barge.

ARCHER DANIELS MIDLAND CO. (P)*
1021 S. Henderson St., Galesburg 61401,
Ph. 309-343-1155; Main office: Decatur, IL; TLX: 250121.
CONTACT PERSON: Jim Starling, Plant Mgr.
Served by rail.

ARCHER DANIELS MIDLAND CO. (P)*
P.O. Box 1249, Granite City 62040,
Ph. 618-451-2200; Main office: Decatur, IL; TLX: 250121.
CONTACT PERSON: John Hansen, Plant Mgr.
Hexane solvent; ARCHER 44% and 49% soy meal, pellets. Served by rail.

BEST FOODS DIV. (R)*
CPC International Inc.
Chicago 60623; Main office: Englewood Cliffs, NJ; TLX: 135440.
CONTACT PERSON: C.A. Cravens, Natl. Sales Mgr.
Fully refined and hydrogenated oil.

BUNGE CORP. (P)*
P.O. Box 113, Cairo 62914, Ph. 618-734-4141; Main office: New York, NY; TLX: RCA 233554, ITT 420099.
CONTACT PERSON: Pat Reisner, District Mgr.
Cap. 3,000T/day; soy meal, crude and crude degummed oil. Served by truck, rail, and barge.

BUNGE EDIBLE OIL CO. (R)*
P.O. Box 765, Kankakee (Bradley) 60901,
Ph. 815-933-0600; TLX: 41800.
CONTACT PERSON: Jack Brady, VP
Refining, hydrogenation and deodorizing.

CARGILL INC. (P R)*
1660 LaSalle Bank Bldg., Chicago 60603, Ph. 312-855-2914; Refinery at: 122 St. and Torrence Ave., Chicago 60617, Ph. 312-375-6323; Main office: Minneapolis, MN; TLX: 29-0794.
CONTACT PERSON: Buzz Schmidt
Hexane solvent; CARGILL soy meal, refined edible and industrial oils. Served by rail.

CENTRAL SOYA (P R SF IP)*
Rt. 47 & 9, Box 112, Gibson City 60936,
Ph. 217-784-8261; Main office: Fort Wayne, IN; TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Dave Wilbur
Solvent cap. 1,200T/day; soy meal; CENTROL lecithin and degummed soy oil; edible soy concentrate; textured soy protein; CENTEX textured soy flour. Edible and industrial grades of soy flour.

CONTINENTAL GRAIN CO. (P R)*
Taylorville 62568, Ph. 217-824-3385;
Main office: New York, NY.
CONTACT PERSON: N. Kimpel
Cap. 2,400T/day. Degumming.

DURKEE FOODS DIV (R)*
SCM Corporation
P.O. Box 796, Joliet 60434, Ph. 815-423-5511;
Main office: Cleveland, OH.
CONTACT PERSON: Leonard S. Milazzo, VP Mfg./Eng.
Crude, crude degummed, once refined, fully refined, hydrogenated and fractionated oil; cooking/salad oil. Served by truck, rail and barge.

HUMKO PRODUCTS (R)*
Kraft Inc.
Champaign 61823, Ph. 217-356-7213;
Main office: Memphis, TN.
Refining and deodorizing cottonseed, soybean, peanut and other vegetable oils.

HUNT-WESSON FOODS INC. (R SF)
4421 W. 31st St., Chicago 60623.
Refining and deodorizing.

KRAFT INC. (R SF)*
Kraft Ct., Glenview, IL 60025, Ph. 312-998-2000
CONTACT PERSON: Gerald J. Daleiden, VP Oil Procurement
Once refined, fully refined, hydrogenated oil, margarine, shortening, cooking/salad oil. Served by truck and rail.

LAUHOFF GRAIN CO. (P SF)*
Div. of Bunge Corp.
Danville 61832, Ph. 217-446-4770.
CONTACT PERSON: Larry Friend, Comm. Mgr.
Hexane solvent cap. 3,000T/day. Served by truck and rail.

QUINCY SOYBEAN CO. (P)
1900 Gardner Expwy., P.O. Box 329,
Quincy 62306, Ph. 217-224-1800.
CONTACT PERSON: Earle Chamness, VP Eng.
Solvent cap. 3,000T/day; QUINCY 44% and 48% soy meal and pellets. Served by rail.

RALSTON PURINA CO. (P)*
Bloomington 61702, Ph. 309-829-1261;
Main office: St. Louis, MO; TLX: 447620 (RALSTON STL).
CONTACT PERSON: S.E. Sproull, Plant Mgr.
Hexane solvent; PURINA CHOWS mixed feeds. Served by truck and rail.

J.R. SHORT MILLING CO. (P)
Route 3, Grinnell Rd., Kankakee 60901;
Main office: Sears Tower, 233 S. Wacker Dr., Chicago, IL 60606, Ph. 312-876-7070;
TWX: 910-632-1459.
CONTACT PERSON: William A. Hoffman, VP
Storage cap. 1,000,000 bu.; soy flour for own use. Served by rail.

A.E. STALEY MFG. CO. (P)*
P.O. Box 68, Champaign 61823; Main office: Decatur, IL; TLX: ITT 4330382.
CONTACT PERSON: M.J. Kerber, Plant Mgr., or R.H. Pothast, Plant Supt.
Solvent cap. 2,100T/day; STALEY's soy meal 44% and HI-PRO, STALEY's soybean mill run. Served by truck and rail.

A.E. STALEY MFG. CO. (P R SF IP)*
22nd & Eldorado Sts., P.O. Box 151,
Decatur 62525, Ph. 217-423-4411;
TLX: ITT 4330382. Plants at: Decatur and Champaign, IL; Frankfort, IN; Des Moines, IA; Fostoria, OH.
CONTACT PERSON: D.D. Houghton, Mgr.
Hexane solvent cap. 2,500T/day; STALEY's soy meal 44% and HI-PRO, HI PROCON 50% protein soy meal, STALEY's soybean mill run, extracted soy flour and grits. Refining, bleaching, hydrogenation and deodorizing. Crude, once refined, fully refined, hydrogenated and cooking/salad oils. Served by truck and rail.

INDIANA

ANGOLA SOYA CO. (P)
424 N. Williams St., P.O. Box 358,
Angola 46703, Ph. 219-665-2011.
CONTACT PERSON: Reginald Hale, Owner
Hexane solvent cap. 5T/day; storage cap., 1,400 bu.; soy meal, extractions of various specialty items. Served by rail.

BUNGE CORP. (P)*
R.R. 2, P.O. Box 113, Logansport 46947,
Ph. 219-722-3030; Main office: New York, NY;
TLX: RCA 233554, ITT 420099.
CONTACT PERSON: Tom O'Connor, Dist. Mgr.
Solvent cap. 1,500T/day. Soy meal and crude oil. Served by truck and rail.

CENTRAL SOYA (P R)*
1200 N. Second St., Decatur 46733,
Ph. 219-724-2101; Main office: Fort Wayne, IN;
TLX: 276170 (CENSOYA FWA A)
CONTACT PERSON: Larry Justice
Solvent cap. 2,400T/day. Soy meal, CENTROL lecithin, refined industrial soy oil, refined edible soybean, corn and palm oils, packaged vegetable shortening.

CENTRAL SOYA (P R SF IP)*
1300 Fort Wayne National Bank Bldg., P.O. Box 1400, Fort Wayne 46801-1400, Ph. 219-425-5100; TLX: 276170 (CENSOYA FWA A). Plants at: Decatur & Indianapolis, IN; Gibson City, IL; Marion, Delphos & Bellevue, OH; Chattanooga, TN; Utrecht, Netherlands.
Processor of soybeans, producer of refined soy proteins, vegetable oil refiner, grain merchandiser, feed manufacturer, consumer food service and industrial foods processor, soybean meal, natural modified and oil-free grades of lecithin, soy flours, soy grits, CENTEX-textured soy protein, refined industrial soy oils, refined edible soy, corn and palm oils for cooking and salad oil, margarine and shortening, packaged vegetable shortenings.

CENTRAL SOYA (P)*
1160 W. 18th St., Indianapolis 46244,
Ph. 317-632-8441; Main office: Fort Wayne, IN;
TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: David Bego
Cap. 1,200T/day; soy meal, crude degummed soy oil, CENTROL lecithin.

RALSTON PURINA CO. (P)*
Lafayette 47902, Ph. 317-423-1511; Main office: St. Louis, MO; TLX: 447620 (RALSTON STL).
CONTACT PERSON: Bill White
Hexane solvent. Served by truck and rail.

A.E. STALEY MFG. CO. (P)*
Frankfort 46041; Main office: Decatur, IL;
TLX: ITT 4330382.
CONTACT PERSON: W.H. Camp, Plant Mgr.
Solvent cap. 1,200T/day; STALEY's soy meal 44% and HI-PRO, STALEY's soybean mill run. Served by truck and rail.

IOWA

AG PROCESSING INC. (P)*
P.O. Box 85, Eagle Grove 50533,
Ph. 515-448-4711; Main office: Omaha, NE
CONTACT PERSON: Morrie Sturtz, Plant Mgr. or Bill Lester, Merch. Mgr.
Hexane solvent cap. 4,200T/day; storage cap. 3,400,000 bu.; soy meal, mixed feeds, pellets, crude and crude degummed oil. Served by truck and rail.

AG PROCESSING INC. (P)*
P.O. Box 200, Sergeant Bluff 51054.
Ph. 712-943-4282; Main office: Omaha, NE
CONTACT PERSON: Ray Young, Plant Mgr. or Chuck McCauley, Merch. Mgr.
Solvent cap. 2,200T/day; storage cap. 3,250,000 bu.; 44% and 47.5% soy meal, crude and crude degummed oil. Served by truck, rail and barge.

AG PROCESSING INC. (P)*
P.O. Box 220, Sheldon 51201.
Ph. 712-324-2531; Main office: Omaha, NE
CONTACT PERSON: Anton Vacinek, Plant Mgr. or Oscar Benson, Merch. Mgr.
Solvent cap. 1,000T/day; storage cap. 1,500,000 bu. Served by truck and rail.

AMERICAN GRAIN AND RELATED INDUSTRIES (P)*
Manning 51455, Ph. 712-653-3985.

AMERICAN GRAIN AND RELATED INDUSTRIES (P)*
1605 19th St. SW, Mason City 50401,
Ph. 515-423-4733.
CONTACT PERSON: Richard G. Rypkema
Hexane solvent cap. 1,000T/day; storage cap. 1,050,000 bu.; soy meal and crude oil. Served by rail and truck.

CARGILL INC. (P)*
411 6th St. NE, Cedar Rapids 52406,
Ph. 319-399-4000; Main office: Minneapolis, MN
TLX: 290794.
CONTACT PERSON: Robert Carlson
Hexane solvent; CARGILL soy meal. Served by rail.

CARGILL INC. (P SF)*
1010 10th Ave. SW, Cedar Rapids 52406,
Ph. 319-399-4100; Main office: Minneapolis, M
TLX: 290794.
CONTACT PERSON: Tony Cahill
Hexane solvent; CARGILL soy meal and soy proteins. Served by rail.

CARGILL INC. (P R)*
3030 SE Granger, Des Moines 50306,
Ph. 515-263-3115; Main office: Minneapolis, MN;
TLX: 290794.
CONTACT PERSON: Tom Charette
Solvent; 44% and 50% soy meal, refined edible and industrial vegetable oils. Served by rail.

CARGILL INC. (P)*
980 Clark St., Sioux City 51102,
Ph. 712-258-0174; Main office: Minneapolis, MN;
TLX: 290794.
CONTACT PERSON: Douglas Debelak
Hexane solvent; CARGILL soy meal and pellets. Served by rail.

CARGILL INC. (P)*
N. 15th Ave. & 3rd St., Washington 52353,
Ph. 319-653-2196; Main office: Minneapolis, MN;
TLX: 290794.
CONTACT PERSON: Bill Matson
Hexane solvent; CARGILL soy meal and pellets. Served by rail.

RALSTON PURINA CO. (P)*
Iowa Falls 50126, Ph. 515-648-2591; Main office:
St. Louis, MO; TLX: 447620 (RALSTON STL).
CONTACT PERSON: T.L. Williams, Plant Mgr.
Hexane solvent; PURINA CHOWS mixed feeds. Served by truck and rail.

A.E. STALEY MFG. CO. (P)*
Drawer C,E, 14th St. Sta., Des Moines 50316;
Main office: Decatur, IL; TLX: ITT 4330382.
CONTACT PERSON: P.L. Niehaus, Plant Mgr.
STALEY's soy meal 44% and HI-PRO, STALEY's soy mill run. Served by truck and rail.

WEST BEND ELEVATOR CO. (P)*
P.O. Box 49, West Bend 50597, Ph. 515-887-7211.
CONTACT PERSON: Fred McKim, Gen. Mgr.
3 continuous press cap. 39T/day; storage cap. 9,500,000 bu. OLD PROCESS soy meal and mixed feeds. Served by rail.

WEST CENTRAL COOPERATIVE (P)*
P.O. Box 68, Ralston 51459, Ph. 712-667-3200.
CONTACT PERSON: Wayne Seaman, Gen. Mgr.
4 continuous pr., cap. 90T/day; storage cap. 8,000,000 bu., WESENCO soy meal, mixed feeds and pellets, crude oil. Served by truck and rail.

KANSAS

ARCHER DANIELS MIDLAND CO. (P)*
P.O. Box 191, Fredonia 66736, Ph. 316-378-2102;
Main office: Decatur, IL; TLX: 250121.
CONTACT PERSON: Richard Gillies, Plant Mgr.
Hexane solvent, ARCHER 44% and 49% soy meal. Served by rail.

BUNGE CORP. (P)*
E. 5th Ave., P.O. Box 518, Emporia 66801,
Ph. 316-342-7270; Main office: New York, NY;
TLX: RCA 233554, ITT 420099.
CONTACT PERSON: Jack Thiessen, Dist. Mgr.
Solvent cap. 2,000T/day; soy meal, crude and crude degummed oil. Served by truck and rail.

CARGILL INC. (P)*
1501 N. Mosley, Wichita 67214,
Ph. 316-267-8800;
Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: Jim Bohlander
Solvent; 44% and 50% soy meal and pellets. Served by rail.

PRODUCERS COOPERATIVE ASSN. (P)*
Box 265, Girard 66743, Ph. 316-724-8241.
CONTACT PERSON: C.W. Scammell, Mgr.
2 continuous pr., cap. 50T/day; storage cap. 500,000 bu.; PRODUCERS 41% soy meal, PRODUCERS and CO-OP mixed feeds and pellets; crude oil. Served by truck and rail.

KENTUCKY

OWENSBORO GRAIN CO. (P)*
Owensboro 42301, Ph. 502-926-2032.
CONTACT PERSON: Kelly Price, Chief Merch.
Solvent cap. 2,400T/day; storage cap. 3,000,000 bu.; OGRACO 44% and 49% soy meal, crude oil. Served by truck, rail and barge.

RALSTON PURINA CO. (P)*
Louisville 40217, Ph. 502-637-4761; Main office:
St. Louis, MO; TLX: 447620 (RALSTON STL).
CONTACT PERSON: S.L. Colthurst, Plant Mgr.
Served by truck and rail.

LOUISIANA

BUNGE CORP. (P)*
Destrehan 70047, Ph. 504-721-6291; Main office:
New York, NY; TLX: RCA 233554, ITT 420099.
CONTACT PERSON: Frank Miller, Plant Mgr.
Solvent cap. 1,800T/day; soy meal, crude and crude degummed oil. Served by truck, rail and barge.

LOU ANA FOODS, INC. (R SF)*
P.O. Box 591, Opelousas 70570,
Ph. 318-948-6561; TLX: 586645 (LAF OPLS);
Plant at: 731 N. Railroad Ave.
CONTACT PERSON: Bobby Harris, Ind. Sale Mgr.
Refining, bleaching, deodorizing and winterizing bulk, institutional and retail sizes; cooking/sala oil. Served by truck and rail.

MARYLAND

PERDUE INC. (P)*
P.O. Box 1537, Salisbury 21801,
Ph. 301-543-3000. Other plant at Cofield, NC
CONTACT PERSON: Sewell L. Spedden, Sr. V
Solvent cap. 700T/day; storage cap. 5,000,0 bu.; soy meal, crude oil. Served by truck, rail a barge.

MINNESOTA

AG PROCESSING INC. (P SF)*
P.O. Box BB, Dawson 56232. Ph. 612-769-4386.
Main office: Omaha, NE.
CONTACT PERSON: Bob Jordheim, Plant Mgr. or Truman DeVries, Merch. Mgr.
Hexane solvent cap. 1,500T/day; storage cap. 3,000,000 bu.; DAWSON soy meal, crude oil, soy flour mixes. Served by truck and rail.

ARCHER DANIELS MIDLAND CO. (P)*
P.O. Box 728, Mankato 56001, Ph. 507-625-7947;
Main office: Decatur, IL; TLX: 250121.
CONTACT PERSON: Leigh Paulsen, Plant Mgr.
Hexane solvent; ARCHER 44% and 48% soy meal. Served by rail.

ARCHER DANIELS MIDLAND CO. (P)*
118 Main St., Red Wing, 55066,
Ph. 612-388-7111; Main office: Decatur, IL;
TLX: 250121.
CONTACT PERSON: Richard Germchied
Solvent; ARCHER 44% soy meal. Served by rail.

CARGILL INC. (P R SF IP)*
P.O. Box 9300, Minneapolis 55440,
Ph. 612-475-6085; TLX: 290794;
Plants at: Osceola, AR; Gainesville, GA; Chicago, IL; Cedar Rapids, Des Moines, Sioux City and Washington, IA; Wichita, KS; Savage, MN; Fayetteville, NC; Sidney, OH; Hartsville, SC; Memphis, TN, and Chesapeake, VA.
CONTACT PERSON: D.H. Leavenworth

CARGILL INC. (P)*
Savage 55378, Ph. 612-894-3190;
Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: Barbara Marturano
Hexane solvent; CARGILL soy meal. Served by rail.

HONEYMEAD PRODUCTS CO. (P R SF IP)*
P.O. Box 3247, Mankato 56002,
Ph. 507-625-7911.
CONTACT PERSON: Stanley Eichten, Gen. Mgr.
Hexane solvent cap. 2,400T/day; storage cap. 3,000,000 bu.; HONEYMEAD soy meal, refining, deodorizing and hydrogenating. Served by rail.

SPENCER KELLOGG DIV.
TEXTRON INC. (R)*
Minneapolis 55414; Main office: Buffalo, NY,
Ph. 716-852-5850.
CONTACT PERSON: Richard E. Punnett, Mgr. Commodity Prod.
Once refined and fully refined oil. Served by truck and rail.

MISSISSIPPI

BUNGE CORP. (P)*
P.O. Box 1410, Jackson 39205,
Ph. 601-948-5880; Main office: New York, NY;
TLX: RCA 233554, ITT 420099.
CONTACT PERSON: Jim Brady
Solvent cap. 300T/day; soy meal, crude oil. Served by truck and rail.

BUNGE CORP. (P)*
520 Cherry St., Marks 38646, Ph. 601-326-2411;
Main office: New York, NY; TLX: RCA 233554, ITT 420099.
CONTACT PERSON: Dick Farmer, District Mgr.
Solvent cap. 1,800T/day; soy meal, crude and crude degummed oil. Served by truck and rail.

BUNGE CORP. (P)*
P.O. Box 1378, Vicksburg 39180,
Ph. 601-638-3824.
CONTACT PERSON: Brant Harper, Dist. Mgr.
Solvent cap. 1,300T/day; soy meal, crude and crude degummed oil. Served by truck, rail and barge.

SOUTHERN COTTON OIL (P)*
Div. of Archer Daniels Midland Co.
P.O. Box 10, Clarksdale 38614, Ph. 601-627-9241;
Main office: Decatur, IL.
CONTACT PERSON: Jack Jennings, Plant Mgr.
Hexane solvent; soy meal, crude and crude degummed oil. Served by rail.

YAZOO VALLEY-MINTER CITY
OIL MILL INC. (P)*
P.O. Box 1320, Greenwood 38930,
Ph. 601-453-4312.
CONTACT PERSON: T.S. Shuler, Gen. Mgr.
Solvent cap. 600T/day; 44% soy meal. Served by rail.

MISSOURI

AG PROCESSING INC. (P R SF)*
P.O. Box 427, St. Joseph 64502.
Ph. 816-233-6161; Main office: Omaha, NE
CONTACT PERSON: Bernard Meyer, Plant Mgr. or Doug Forsberg, Merch. Mgr.
Hexane solvent cap. 1,500T/day; 44% and 47½% soy meal, soy flour and grits, degumming. Served by rail.

ARCHER DANIELS MIDLAND CO. (P)*
200 W. 19th Ave., N. Kansas City 64116,
Ph. 816-221-2117; Main office: Decatur, IL;
TLX: 250121.
CONTACT PERSON: Terry Gunter
Solvent ext.; ARCHER 44% and 47% soy meal. Served by rail.

PVO INTERNATIONAL INC. (R SF)
3400 North Wharf St., P.O. Box 5420,
St. Louis 63147, Ph. 314-622-0200.
CONTACT PERSON: W. Michael Smith, VP & Gen. Mgr.
Refining and deodorizing.

RALSTON PURINA CO. (P)*
2334 Rochester Ave., Kansas City 64120,
Ph. 816-483-9888; Main office: St. Louis, MO;
TLX: 447620 (RALSTON STL).
CONTACT PERSON: M.J. Boyd, Plant Mgr.
PURINA CHOWS mixed feeds. Served by truck and rail.

RALSTON PURINA CO. (P SF IP)*
Checkerboard Square, St. Louis 63164,
TLX: 447620 (RALSTON STL).
Plants at: Lafayette, IN; Bloomington, IL; Iowa Falls, IA; Kansas City, MO; Memphis, TN; Louisville, KY, and Raleigh, NC.
CONTACT PERSON: W.W. Sims

NEBRASKA

AG PROCESSING INC. (P)*
2145 One First National Center, Omaha 68102.
Ph. 402-444-3685. Plants at Van Buren, AR; Eagle Grove, Sergeant Bluff and Sheldon, IA; Dawson, MN; St. Joseph, MO.
CONTACT PERSON: Tony Porter, VP Merch.

ARCHER DANIELS MIDLAND CO. (P)*
130 N. Broad, Fremont 68025, Ph. 402-721-5670;
Main office: Decatur, IL; TLX: 250121.
CONTACT PERSON: Larry Letterman, Mgr.
Hexane solvent; ARCHER 44% soy meal. Served by rail.

ARCHER DANIELS MIDLAND CO. (P R)*
P.O. Box 29268, Havelock Sta., Lincoln 68529,
Ph. 402-464-9131; Main office: Decatur, IL;
TLX: 250121.
CONTACT PERSON: Gene Smith, Plant Mgr.
Hexane solvent; ARCHER 44% and 47% soy meal; refining, hardening, degumming and deodorizing.

GRAIN STATES SOYA INC. (P)*
P.O. Box 157, West Point 68788,
Ph. 402-372-2429.
CONTACT PERSON: Mark Knobbe, Gen. Mgr.
4 French screwpress pr. cap. 85T/day; storage cap. 235,000 bu.; 41% OLD PROCESS soy meal, soybean cake, crude oil and pellets. Served by truck and rail.

NEW JERSEY

BEST FOODS DIV. (R)*
CPC International Inc.
Bayonne 07002; Main office: Englewood Cliffs, NJ; TLX: 135440.
CONTACT PERSON: C.A. Cravens Natl. Sales Mgr.
Fully refined and hydrogenated oil.

BEST FOODS DIV. (R SF)*
CPC International Inc.
International Plaza, Englewood Cliffs 07632,
Ph. 201-894-4000; TLX: 135440. Plants at: Bayonne, NJ; Chicago, IL; San Francisco and Sante Fe Springs, CA.
CONTACT PERSON: C.A. Cravens, Natl. Sales Mgr.
Fully refined and hydrogenated oil.

HUNT-WESSON FOODS INC. (R SF)
160 E. 22nd St., Bayonne 07002.
Refining and deodorizing.

NEW YORK

BUNGE CORP.*
One Chase Manhattan Plaza,
New York 10005; Ph. 212-943-6600;
TLX: RCA 233554, ITT 420099. Plants at: Decatur, AL; Cairo, IL; Logansport, IN; Emporia, KS; Destrehan, LA; Jackson, Marks and Vicksburg, MS.
CONTACT PERSON: Daniel Priest, Asst. VP

CONTINENTAL GRAIN CO. (P R)*
277 Park Ave., New York 10017,
Ph. 212-826-5100. Plants at: Guntersville, AL; Taylorville, IL; Cameron, SC.

LEVER BROTHERS CO. (R SF)
390 Park Ave., New York 10022;
Plant at: Los Angeles, CA.
CONTACT PERSON: David W. Melendy, Mgr.
Refining and deodorizing. Served by truck and rail.

SPENCER KELLOGG DIV. (R IP)*
Textron Inc.
P.O. Box 807, Buffalo 14240, Ph. 716-852-5850;
Plant at: Minneapolis, MN.
CONTACT PERSON: Richard E. Punnett, Mgr. Commodity Prod.
Crude degummed, once refined and fully refined oil. Served by truck and rail.

NORTH CAROLINA

CARGILL INC. (P R)*
P.O. Box 2309, Fayetteville 28302,
Ph. 919-483-463[illegible]; Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: Bill Lowe
Solvent; 44% and 50% soy meal, refined, edible, industrial, and crude soy oil. Served by rail.

GURLEY'S INC. (P)*
Subsidiary of Illinois Cereal Mills, Inc.
404 E. Preston St., P.O. Box 388, Selma 27576,
Ph. 919-965-2302; 800-334-9631, 800-672-8131;
CABLE: GURLEY.
CONTACT PERSON: Herman Kurrelmeier, Pres.
Crown and Anderson ext.; solvent cap. 300T/day; storage cap. 950,000 bu.; GURLEY'S 44% soy meal, 47% HY PROTENE soy meal. Served by truck and rail.

PERDUE, INC. (P)*
Cofield 27922, Ph. 919-358-0311.
Other plant at Salisbury, MD
CONTACT PERSON: Sewell Spedden, Sr. VP
Solvent cap. 600T/day; storage cap. 1,250,000 bu.; soy meal and crude oil. Served by truck and rail.

PLANTERS OIL MILL INC. (P)
P.O. Drawer 2507, Rocky Mount 27801,
Ph. 919-442-0193.
CONTACT PERSON: Steve Wilkins, Gen. Supt.
Solvent cap. 300T/day; storage cap. 650,000 bu.; PLANTERS soy meal and crude oil. Served by truck and rail.

RALSTON PURINA CO. (P)*
Raleigh 27603, Ph. 919-828-4491; Main office: St. Louis, MO; TLX: 447620 (RALSTON STL).
CONTACT PERSON: D.T. Fink, Plant Mgr.
Served by truck and rail.

OHIO

CARGILL INC. (P)*
2400 Industrial Blvd., Sidney 45365,
Ph. 513-498-4551; Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: Martin Dudley
Hexane solvent; CARGILL soy meal. Served by rail.

CENTRAL SOYA (P R)*
P.O. Box 369, 605 Goodrich Rd., Bellevue 44811,
Ph. 419-483-5340; Main office: Fort Wayne, IN; TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Jim Willits
Solvent cap. 1,140T/day; soy meal, CENTROL and CENTROLEX lecithins, crude degummed soy oil and refined industrial soy oils.

CENTRAL SOYA (P R)*
234 So. Jefferson St., P.O. Box 231, Delphos 45833, Ph. 419-692-6010; Main office: Fort Wayne, IN; TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Charles Janiszewski, Mgr.
Solvent cap. 1,000T/day.

CENTRAL SOYA (P R)*
751 E. Farming St., Marion 43302,
Ph. 614-383-1181; Main office: Fort Wayne, IN; TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Robert H. Prescott
Solvent cap. 600T/day.

DURKEE FOODS DIV. (R SF)*
SCM Corporation
900 Union Commerce Bldg., Cleveland 44115,
Ph. 216-344-8000. Operations conducted through Durkee Famous Foods Industrial Foods Group: Plants at: Chicago and Joliet, IL.
CONTACT PERSON: Leonard S. Milazzo, VP Mfg./Eng.
Crude, crude degummed, once refined, fully refined, hydrogenated and fractionated oil; cooking/salad oil. Served by truck, rail and barge.

INDUSTRIAL PRODUCTS GROUP (R SF IP)*
Stokely Van Camp Inc.
525 W. 1st Ave., P.O. Box 569, Columbus 43216,
Ph. 614-299-3131; TLX: 245494.
CONTACT PERSON: C.V. Gridley, VP
Once refined and fully refined oil, hydrogenated and fractionated oil. Served by truck and rail.

PROCTER & GAMBLE CO. (R SF IP)*
P.O. Box 599, Cincinnati 45201; Refinery at: 5201 Spring Grove Ave., Ivorydale, Cincinnati 45217.

A.E. STALEY MFG. CO. (P*)
Fostoria 44830; Main office: Decatur, IL;
TLX: ITT 4330382.
CONTACT PERSON: R.E. Senteney, Plant Mgr.
Solvent cap. 675T/day; STALEY's soy meal 44% and HI-PRO, STALEY's soybean mill run. Served by truck and rail.

OKLAHOMA

COLE GRAIN COMPANY (P)*
919 S. Cherokee, P.O. Box 1289,
Muskogee 74402-1289, Ph. 918-687-7565.
CONTACT PERSON: Don Cole, Pres.
2 continuous pr. cap. 70T/day; storage cap. 550,000 bu.; COLE FEEDS soy meal, mixed feeds, alfalfa pellets and crude oil. Approx. soybean operations 10,000 to 12,000T. Served by truck and rail.

PRODUCERS COOPERATIVE OIL MILL (P R)*
P.O. Box 26907, Oklahoma City 73126,
Ph. 405-232-7555.
CONTACT PERSON: T.W. Detamore, Sec./Gen. Mgr.
Crown solvent cap. 500T/day; storage cap. 800,000 bu.; soybean meal, pellets, once refined oil. Served by truck and rail.

WILSON FOODS CORPORATION (R)
Lincoln Plaza, 4545 N. Lincoln, Oklahoma City 73105, Ph. 405-525-4545; TLX: 747249.

PENNSYLVANIA

C.F. SIMONIN'S SONS INC. (R SF)
Tioga & Belgrade St., Philadelphia 19134,
Ph. 215-426-2300.
CONTACT PERSON: W.J. Lewis, Exec. VP
Refining and deodorizing. Served by truck, rail and ship.

SOUTH CAROLINA

ARCHER DANIELS MIDLAND CO. (P)*
427 N. Hampton, Kershaw 29067,
Ph. 803-475-3751; Main office: Decatur, IL;
TLX: 250121.
CONTACT PERSON: Roger Cauthens, Plant Mgr.
Hexane solvent; ARCHER 44% and 48% soy meal. Served by rail.

CARGILL INC. (P R)*
P.O. Box 878, Hartsville 29550,
Ph. 803-332-1571; Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: Harry Bryant

CONTINENTAL GRAIN CO. (P)*
Cameron 29030, Ph. 803-823-2211; Main office: New York, NY.
CONTACT PERSON: William H. Yochum, Jr.
Solvent cap. 700T/day.

SOUTHERN SOYA CORPORATION (P)*
P.O. Box 727, Estill 29918, Ph. 803-625-2711.
CONTACT PERSON: J.W. Tyler, Mgr.
French solvent cap. 350T/day; storage cap. 2,500,000 bu.; 44% and 49% soy meal and crude oil. Soybean operations 3,500,000 bu. Served by truck and rail.

TENNESSEE

BUNGE EDIBLE OIL CO. (R)*
P.O. Box 2309, Chattanooga 37409,
Ph. 615-821-3511; Main office: Kankakee (Bradley), IL; TLX: 41800.
CONTACT PERSON: Lennis Martin
Refining, hydrogenating and deodorizing.

CARGILL INC. (P)*
P.O. Box 1838, Memphis 38101,
Ph. 901-775-3700; Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: Robert W. Drake
Hexane solvent; CARGILL soy meal. Served by rail.

CENTRAL SOYA (P R)*
Judd Rd., P.O. Box 5067, Chattanooga 37406,
Ph. 615-629-7341; Main office: Fort Wayne, IN; TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Larry Horn
Solvent cap. 2,400T/day; soy meal, CENTROL lecithin, crude soy oil, refined industrial and edible vegetable oils.

HUMKO PRODUCTS, KRAFT INC. (R)*
Whitestation Towers, P.O. Box 398,
Memphis 38101, Ph. 901-766-2100.
CONTACT PERSON: Gene Davis
Refining and deodorizing of cottonseed, soy, peanut and other vegetable oils.

HUNT-WESSON FOODS INC. (R SF)
P.O. Box 1759, Memphis 38102.
Refining and deodorizing.

NASHVILLE OIL MILL CORP. (P)*
410 Chestnut St., Nashville 37202.
CONTACT PERSON: Douglas Rainwater, VP
Blaw-Knox solvent cap. 200T/day; storage cap. 525,000 bu. Served by rail.

RALSTON PURINA CO. (P)*
Memphis 38112, Ph. 901-327-8447; Main office: St. Louis, MO; TLX: 447620 (RALSTON STL).
CONTACT PERSON: J.R. Bill, Plant Mgr.

SOUTHERN COTTON OIL (P)*
Div. Archer Daniels Midland Co.
2782 Chelsea Ave., Memphis 38108,
Ph. 901-452-3151; Main office: Decatur, IL.
CONTACT PERSON: C.M. McCalla

TEXAS

ANDERSON, CLAYTON & CO. (R)
Oilseed Processing Div., P.O. Box 521,
Abilene 79604, Ph. 915-672-3271.
CONTACT PERSON: R.J. Carwile, Mgr.

ANDERSON CLAYTON FOODS (R SF)
P.O. Box 226165, Dallas 75266,
Ph. 214-387-1224; TLX: 732242.
CONTACT PERSON: D.W. Vrbas, Commodity Mgr.

ANDERSON CLAYTON FOODS (R)
1201 E. Pecan St., Sherman 75090,
Ph. 214-892-2111.
CONTACT PERSON: N.J. Field, Mgr.

BUNGE EDIBLE OIL CO. (R)*
400 E. Exchange, P.O. Box 265,
Fort Worth 76101, Ph. 817-625-2331;
Main office: Kanakee (Bradley), IL;
TLX: 41800.
CONTACT PERSON: Ken Hamilton
Refining, hydrogenating and deodorizing.

CONWAY OIL COMPANY (R)*
1405 W. Washington St., Denison 75020,
Ph. 214-465-3655.
CONTACT PERSON: John R. Davis, Pres.
Once refined, fully refined and hydrogenated oil. Served by truck and rail.

NE-TEX COOPERATIVE OIL MILL (P)*
P.O. Box 139, Wolfe City 75496,
Ph. 214-496-2281.
CONTACT PERSON: B.W. Heath, Mgr.
Solvent cap. 250T/day; storage cap. 650,000 bu.; NE-TEX soy meal and crude oil. Approx. soybean operations 15,000T. Served by truck and rail.

PROCTER & GAMBLE MFG. CO. (R)*
P.O. Box 225118, Dallas 75265.

VIRGINIA

CARGILL INC. (P)*
P.O. Box 7506, Chesapeake 23324,
Ph. 804-545-8461; Main office: Minneapolis, MN; TLX: 290794.
CONTACT PERSON: John March
Hexane solvent; CARGILL soy meal. Served by rail.

Non-U.S. Oil Extraction Plants/Refineries

***Updated listing**

ARGENTINA

INDO S.A. (P R SF IP)*
Reconquista 458, Piso 15°, Buenos Aires 1358,
Ph. 394-1900 or 394-1005;
TLX: 9105 (LAPCE AR).
Other plants: Pto. General San Martin, Pcia. Santa Fe; Tandil, Pcia. Buenos Aires.
CONTACT PERSON: Jorge Oscar Fernandez, Dir.
Solvent cap. 700T/day; cont. press cap. 490T/day; storage cap. 80,000MT; soy meal, pellets, crude degummed and fully refined oil. Served by truck, rail, barge and ship.

MOLINOS RIO DE LA PLATA S.A. (P R SF IP)*
Paseo Colon 746, Buenos Aires, 1323;
Ph. 30-8463, 30-8485, 33-3002 or 33-3003;
TLX: 22270 (MRPSA AR); Other locations: Avellaneda, Provincia de Buenos Aires; Barranqueras, Chaco.
CONTACT PERSON: Nolly Sirkis, Div. Mgr.
Solvent cap. 1,800T/day; storage cap. 60,000MT; pellets, crude, fully refined, hydrogenated and fractionated oils; cooking/salad oils. Served by truck, rail and barge.

PIPOIL S.A. (P SF)*
Santo Pipo, Misiones 3326, Ph. 17;
TLX: 76156 (KATE AR)
CONTACT PERSON: Alberto Vazquez, Engr.
Solvent cap. 180MT/day; storage cap. 200T; crude oil and lecithin. Served by truck and ship.

SOCIEDAD ANONIMA FABRICAS Y REFINERIAS DE ACEITES (SAFRA) (P R SF IP)*
Av. de Mayo 633, Piso 4°, Buenos Aires 1084,
Ph. 34-6154 or 34-4804; TLX: 21096 (SAFRA AR) or 17847 (SAFRA AR); Other plant: Valentin Alsina, Provincia de Buenos Aires.
CONTACT PERSON: Eduardo Colombo, Mgr.
Solvent cap. 400MT/day; cont. press cap. 400MT/day; storage cap. 40,000MT; pellets; crude, crude degummed, once refined and fully refined oil; cooking/salad oil. Served by truck.

AUSTRALIA

CARGILL PROCESSING LTD. (P R)*
Affiliate of Cargill Inc., Minneapolis, MN, USA
425 Somerville Rd., West Footscray, Vic. 3012,
Ph. 3140933; TLX: AA 30875;
Plant at: Narrabri N.S.W.
CONTACT PERSON: D. Bacon-Hall, Gen. Mgr.
Solvent; soy meal, crude and crude degummed oil. Served by truck and ship.

MEGGITT LIMITED (P R SF IP)
P.O. Box 199, Parramatta 2150 NSW,
Ph. 638-4466; TLX: AA 70 851 (MEGCAM);

Plants at: Brisbane, QLD; Melbourne, Vic.; Sydney, NSW.
CONTACT PERSON: A.D. Rector, Chief Exec.
3 solvent extraction plants, cap. 300MT/day; storage cap. 15,000MT; approx. soybean operations 80,000 MT; soy meal, crude, crude degummed, once refined soy oil. Served by truck and rail.

SOUTHERN PACKERS (R SF)*
Div. of Q.C.M.A. Ltd.
250 Ingles St., Port Melbourne 3207,
Ph. 6451400; TLX: AA33730.
CONTACT PERSON: Michael A. Livesey, Div. Mgr.
Soyfoods.

SOY PRODUCTS OF AUSTRALIA PTY. LTD. (P SF)*
69 Power Rd., Bayswater, P.O. Box 66,
3153 Victoria, Ph. 729-1738.
CONTACT PERSON: P.N. Maddock, Plant Mgr.
Storage cap. 200,000 bu.; SOYVITA full-fat soy flour, approx. soybean operations 50%. Served by truck and rail.

AUSTRIA

KUNER (R SF)*
Div. Osterreichische Unilever GmbH
Rosengasse 4, A 1011 Wien, Ph. 6619;
TLX: 114080.
Margarine, edible fats and foods.

VEREINIGTE FETTWARENINDUSTRIE GmbH & CO. KG. (R)*
Vogelweiderstr 71-73, A-4600 Wels,
Ph. 36771-16; TLX: 25528; Plants at: Innsbruck, Vienna and Wels.
CONTACT PERSON: Christian Rauch, Diplomingenieur
Crude, fully refined and fractionated oils, confectioning of vegetable oils and hardened fats. Served by truck and rail.

BELGIUM

CARGILL N.V. (P)*
Affiliate of Cargill Inc., Minneapolis, MN, USA
Muisbroeklaan, Kaai 506, Antwerp, Ph. 425080;
TLX: 33761.
CONTACT PERSON: Eric Leys
Solvent. CARGILL soybean meal. Served by rail.

SCALDISWERKEN RUIEN N.V. (P R IP)
6 Avelgemstraat, B9690 Kluisbergen-Ruien,
Ph. 388412.
CONTACT PERSON: Albert Windels, Ing.
12 exp., cap. 20T/day; storage cap. 50,000 bu.; SCALDIS mixed feeds, crude, once refined and fully refined oils. Served by rail and barge.

UNION N.V. (R SF)*
De Keyserlei 5 - Bus 1, Antwerp, B-2018,
Ph. 2231370; TLX: 334895.
CONTACT PERSON: L.J.P. Janssens, Mgr.
Crude, crude degummed, once refined and fully refined oils; margarines; cooking/salad oil. Served by truck, rail, barge and ship.

VANDEMOORTELE N.V. (P R SF IP)*
Prins Albertlaan 12, Izegem 8700,
Ph. 302222 & 303838; TLX: 81622 (VAMO B).
Plants at: Gent, Izegem and Merksem.
CONTACT PERSON: J. Rabaut
Soy meal, pellets; crude, crude degummed, fully refined, hydrogenated and fractionated oil; industrial products; shortening, cooking/salad oil. Served by truck, rail and barge.

BOLIVIA

INDUSTRIAS DE ACEITE S.A. (P R SF)
P.O. Box 1759, Santa Cruz;
Office at: Ballivian 262, Ph. 47008-47700.
CONTACT PERSON: Felipe Campbell, Gen. Mgr.
Solvent cap. 400T/day; storage cap. 44,000T; soyflour, soy meal, pellets, crude degummed, fully refined and hydrogenated oils, shortening, cooking/salad oil; approx. soybean operations 15,000MT/year. Served by truck and rail.

SOCIEDAD ACEITERA DEL ORIENTE S.A. (SAO) (P R SF)*
Parque Industrial, P.O. Box 1294,
Santa Cruz, Ph. 35149, 36476 or 50888;
TLX: 4299 (SAO BV).
CONTACT PERSON: Arturo Klaiman, Financial Director
Solvent cap. 200MT/day; continuous press cap. 180MT/day; storage cap. 25,000MT; soy meal, crude, crude degummed, once refined and fully refined oil; cooking/salad oil. Served by truck and rail.

BRAZIL

BIANCHINI S.A. IND. COM. E AGRICULTURA (P)
Rua dos Andradas No. 1121 - 10th Flr.,
Porto Alegre, R.S. 90.000, Ph. 21.8777;
TLX: 1848 or 1849; Other locations: Rio Grande, R.S.; Canoas, R.S.
CONTACT PERSON: Arlindo Bianchini, Dir.
Solvent cap. 1,500MT/day; storage cap. 260,000MT; soy meal, crude degummed oil. Served by truck, rail, barge and ship.

BRASWEY S.A. INDUSTRIA E COMERCIO. (P R IP)*
Rua Enxovia, 423 Sto. Amaro, 04711 Sao Paulo,
Ph. 548-5500; TLX: 22427;
CABLE: BRASWEYCO.
CONTACT PERSON: Liu Shun Ku, Exec. Dir.
Solvent cap. 3,500T/day; refinery cap. 200T/day; storage cap. 200,000MT; soy meal, pellets, crude degummed, fully refined and hydrogenated oil.

CARGILL AGRICOLA S.A. (P R)*
Affiliate of Cargill Inc., Minneapolis, MN, USA
Rua Olavo Bilac 157, Sao Paulo, 04671,
Ph. 548.8122; TLX: 21268; Other plants: Ponta Grossa Parana; Mairingue, Sao Paulo; Monte Alto, Sao Paulo.
CONTACT PERSON: Jose Roberto G. Ferreira, Adm. Dir., or Sergio Alair Barroso, Comm. Mgr.
Soy meal, pellets, crude, crude degummed, once refined and fully refined oils. Served by truck, rail and ship.

CENTRAL DE COOPERATIVAS DE PRODUTORES RURAIS DO RIO GRANDE DO SUL LTDA. (P)*
Gen. Andrade Neves, 106, Porto Alegre,
Ph. 254022 or 245000; TLX: 051-1331;
Other plants: Canoas, R.S.; Cachoeira do Sul, R.S.
CONTACT PERSON: Theo Guthler, Dir. Comm.
Solvent cap. 3,000T/day; storage cap. 350,000MT; soy meal, crude degummed oil. Served by truck, rail and barge.

CIA. BRASILEIRA DE OLEOS E DERIVADOS (COBRASOL) (P)*
Alameda Santos, 1357-5°,
Sao Paulo, S.P., 01419, Ph. 283-4222;
TLX: 31140 (CBOD BR); Other locations: San Luis Gonzaga, R.S.; Porto Alegre, R.S.; Santo Angelo, R.S.
CONTACT PERSON: Antoine G. Abbas, Comm. Mgr.
Solvent cap. 1,000T/day; storage cap. 75,000MT; soy meal and crude degummed oil. Served by truck and rail.

COINBRA (P R)
Praca Antonio Prado 33, 8° Andar,
Caixa Postal 7178, 0100 Sao Paulo,
Ph. 34.9125/29; TLX: 21126.
CONTACT PERSON: Jacques Trefois, Mgr.
Solvent cap. 1,500T/day; storage cap. 85,000MT; soy meal, crude degummed and fully refined oil. Served by truck, rail and barge.

CONTINENTAL DE OLEOS VEGETAIS "CONT-OLEOS" LTDA. (P)
Estrada dos Bandeirantes, 1375-Zona 42,
Maringa, Parana, 87100, Ph. 24-4111;
TLX: 0442171.
CONTACT PERSON: Jose Mario R.G. Motta, Mgr. Dir.
Solvent cap. 2,000T/day; storage cap. 170,000MT.

GRANOLEO S.A. COM. IND. SEMENTES OLEAGINOSAS E DERIVADOS (P)*
Av. Cavalhada No. 4.050, Porto Alegre, R.S.,
Ph. 49-5957; 49-7734; 49-3757; 49-2211;
TLX: 1702; Other plant: Estrada de Moinhos, Estrela, R.S.
Ph. 712-1552; TLX: (051) 3337.
CONTACT PERSON: Wu Cheng-Tao, Tech. Dir.
Solvent cap. 1,500T/day; storage cap. 90,000T; soy meal, crude degummed oil. Served by truck, rail and ship.

INDUSTRIA DE OLEOS PACAEMBU S.A. (P R SF IP)*
Rua Silva Teles, 1465 - Pari, Sao Paulo,
CEP 03026, Ph. 291-8844; TLX: 22374 (IOLP);
Other plants: Cascavel, Parana; Paranavai, Parana; Paranagua, Parana; Fatima Do Sul, Mato Grosso Do Sul.
CONTACT PERSON: Kanje Adachi, Mgr.
Solvent cap. 750T/day; continuous press cap. 750T/day; storage cap. 100,000MT; soy meal, pellets, crude, crude degummed, once refined and fully refined oils, cooking/salad oil. Served by truck and rail.

INDUSTRIA GAUCHA DE FARELOS E OLEOS S.A. (FAROL) (P R SF IP)*
Avenida Borges de Medeiros 659 - 12th Flr.,
Porto Alegre, RGS, 90000, Ph. 337988;
TLX: 511732 (STEF BR); Other plants: Estrela, RGS; Feliz, RGS; Sapucaia Do Sul, RGS; Ituiutaba, MG.
CONTACT PERSON: Stefan Wenzel, Export Dir.
Solvent cap. 3,000T/day; continuous press cap. 250T/day, storage cap. 218,000MT; soy meal, crude and fully refined oils. Served by truck, rail and barge.

INDUSTRIAL E COMERCIAL BRASILEIRA S.A. (P R)*
Praca Senador Florencio, No. 12-10th Flr.,
Porto Alegre, Ph. 25 49 86; TLX: 1777.
CONTACT PERSON: Arthur Warth, Dir.
Solvent cap. 2,400T/day; storage cap. 120,000MT; soy meal, crude degummed oil. Served by truck, rail, barge and ship.

INDUSTRIAS J.B. DUARTE S.A. (P R SF IP)*
Rua dos Patriotas, 1382, Sao Paulo, 04207,
Ph. 274.8211; TLX: 21226 (IJBD BR);
Other location: Santo Anastacio, Sao Paulo.
CONTACT PERSON: Luiz Lian de Abreu Duarte, Gen. Dir.
Continuous press cap. 600T-1,000T/day; storage cap. 37,000MT; soy meal, pellets, crude, crude degummed, once refined, fully refined and hydrogenated oils; shortenings; cooking/salad oil. Served by truck and rail.

MERLIN S.A. IND. E. COM. DE OLEOS VEGETAIS (P)
Av. Dique, s/n, Cx. Postal 2772 e 10,001,
Porto Alegre, RGS, 90,000; TLX: 1053 (MERL).
CONTACT PERSON: A.P.B. Merlin, Pres.
Solvent cap. 1,250MT/day; storage cap. 68,000MT; soy meal, crude degummed and fully refined oil. Served by truck, rail, barge and ship.

GOVERNMENT TRADING AGENCIES

*Updated listing

In many countries the importation of soybeans and processed products is conducted or regulated by a government entity. The following are those agencies known by SOYA BLUEBOOK editors to be the exclusive or principal importer of soybeans or soybean products in their appropriate country. For additional information regarding the country of your concern, BLUEBOOK editors suggest contacting the American Soybean Association country director in the appropriate region.

BANGLADESH — *Bangladesh Sugar and Food Industries Corporation (BSFIC), Shilpa Bhavan, Motijheel C.A., Dhaka-2.
CONTACT PERSON: Badiul Alam, Director of Marketing
(Importer of crude degummed soy oil; private refineries also import goods.)

BRAZIL — *Companhia de Financiamento da Producao, Ministerio da Agricultura, Av. W-3 Norte, Quadra 514, Bloco B, 70.760 Brasilia, D.F., Ph. 272-0187; TLX: 061-1110.
CONTACT PERSON: Francisco Jose Villela Santos, Presidente

CHINA (People's Republic of China) — Ministry of Foreign Trade, Beijing.

COLOMBIA — Gerente General, IDEMA, Carrera 10, No. 16-82, Bogota, D.E., Ph. 282-9911 or 283-3084.

COSTA RICA — *Consejo Nacional de Produccion (CNP), Apartado 2205, San Jose, Ph. 23-6033.
CONTACT PERSON: Horacio Zuniga, General Manager
(Importer of soybeans.)

EGYPT — *General Authority for Supply Commodities, 24 Gomhoria Street, Cairo, Ph. 937175; TLX: 2062.
CONTACT PERSON: Ministry of Supply and Home Trade
(Importer of soy oil; soy meal and whole beans are purchased by the private sector.)

GERMAN DEMOCRATIC REPUBLIC (East Germany) — *Nahrung Export-Import, DDR 1020 Berlin, Schicklerstr 7, Berlin, Ph. 21480; TLX: 114893.
CONTACT PERSON: Manfred Wolf, General Director
(Sole importer of soybeans and soybean products.)

INDIA — State Trading Corporation of India, Ltd., Chandrolok 36 Janpath, New Delhi 110001, Ph. 322204; TLX: ND 2167-68-3057; CABLE: ESTICI.

INDONESIA — *BULOG (National Logistic Agency), Jalan Jenderal Gatot Subroto Kav. 49, Jakarta, Ph. 512209; TLX: 79644303.

*P.T. WOTRACO (P.T. Berdikari Group), Jalan Hayam Wuruk 103-104, Jakarta Barat, Ph. 636633 or 634455; TLX: 41311 (BERDIK IA).
CONTACT PERSON: H. Ahmad Nurhani, Vice President
(Domestic distribution of soybeans.)

IRAQ — *State Enterprise for Vegetable Oils, P.O. Box 2378, Baghdad, Ph. 95171; TLX: 2221.
CONTACT PERSON: Jaffer Saber, Director General
(Importer of soybean oil.)

*State Establishment for Feed, P.O. Box 17, New Baghdad, Ph. 4531; TLX: 212345.
CONTACT PERSON: H. Al Saidi, Director General
(Importer of soybean meal.)

—Raw soybeans are purchased by the private sector—

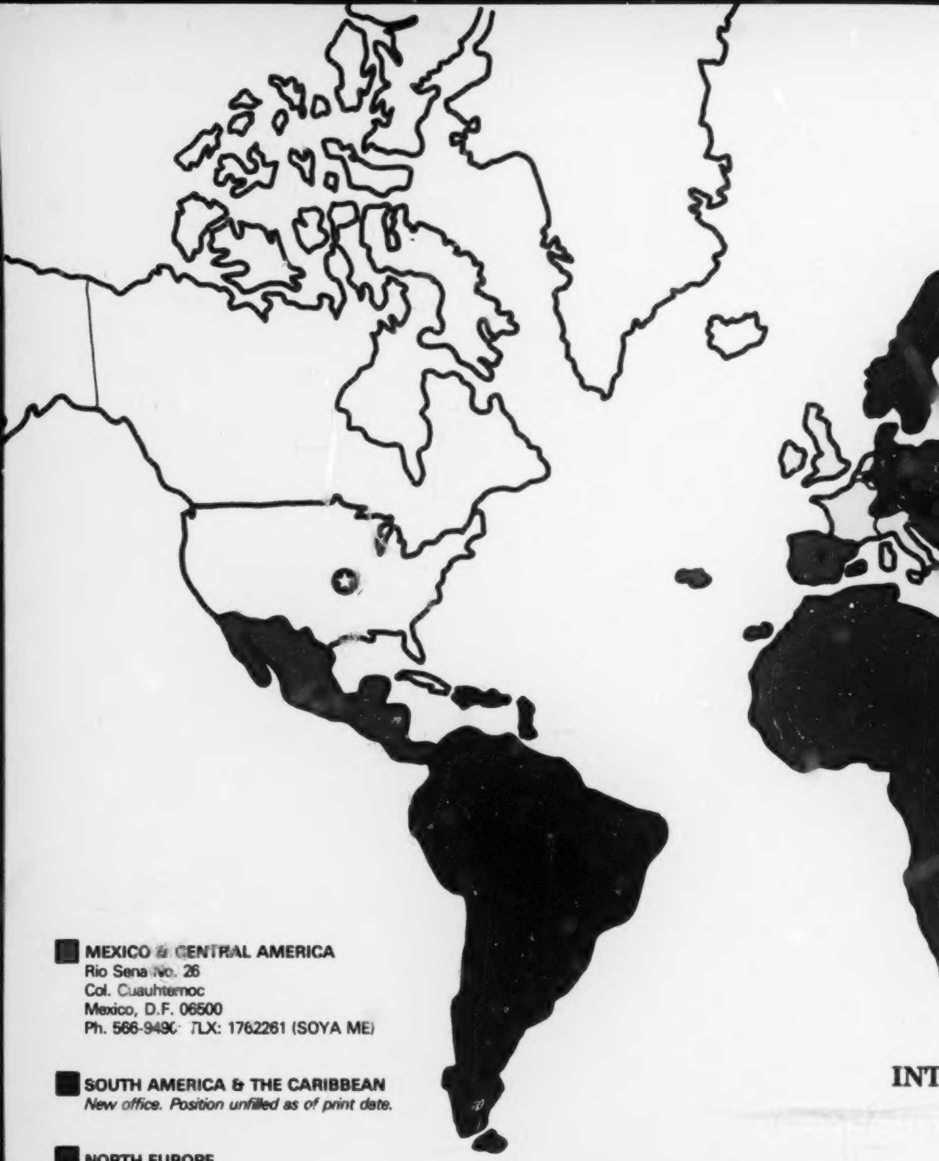
KENYA — *National Cereals and Produce Board, P.O. Box 30586, Nairobi, Ph. 555288/555708; TLX: 22769 (MARKETER).
CONTACT PERSON: William K. A. Kikwai, Managing Director

KOREA — Office of Supply for Republic of Korea, 48-26 Eui-Dong, Chongro-ku, Seoul, Ph. 764-0713; TLX: 23703 (OSROK).
CONTACT PERSON: Chong Seok Yoo, Director of Foreign Affairs
(Soybeans, government stock only.)

Agriculture and Fishery Development Corporation, 65-228 Hankang-ru 3 Ka, Yongsan-ku, C.P.O. Box 3212, Seoul, Ph. 794-2027; TLX: 23297 (AAFDC K).
CONTACT PERSON: Yong Kyun Cho, Director of Trading
(Bean sprouts.)

Korea Soybean Curd Cooperative Federation, 198-1 Kwanhoon-Dong, Chongru-ku, Seoul, Ph. 725-6763, 722-1720 or 725-7273.
CONTACT PERSON: Jung Rak Kim, President
(Tofu.)

Korea Feed Association, 6-1 Namdaemoonro 5-ka, Chung-ku, C.P.O. Box 3473, Seoul, Ph. 777-7686; TLX: 22835 (KOFEED K).
CONTACT PERSON: Man Kyu Lee, Business Manager
(Feed.)



INT

■ **MEXICO & CENTRAL AMERICA**
Rio Sena No. 26
Col. Cuauhtemoc
Mexico, D.F. 06500
Ph. 566-9490; TLX: 1762261 (SOYA ME)

■ **SOUTH AMERICA & THE CARIBBEAN**
New office. Position unfilled as of print date.

■ **NORTH EUROPE**
Pelzerstrasse 13
2 Hamburg 1
Federal Republic of Germany
Ph. 330516 or 336783; TLX: 841-2163420 (SOYA D)

□ **WEST EUROPE**
Centre International Rogier, Room 2501-2506
Boite 521
1000 Brussels, Belgium
Ph. 217-2075; TLX: 846-26128 (AMSOYA B)

■ **EAST EUROPE**
Gatterburggasse 18/2/3
A-1190
Vienna, Austria
Ph. 374118; TLX: 847-135132 (AMSOY A)

■ **MID-EAST, IBERIAN PENINSULA & AFRICA**
Piquer 7, 4° Izda
Madrid 33, Spain
Ph. 202-9142; TLX: 831-46008 (SOYA E)

□ **PEOPLE'S REPUBLIC OF CHINA**
Hepingmen Kaoyadian 406
Beijing, People's Republic of China
Ph. 34-2476;
TLX: 716-22203 (USCOP) or 716-22439 (JGHBJ CN)

■ **TAIWAN**
Kwang-Wu Bldg., Room 603
386-12 Tun Hua South Rd.
Taipei, Taiwan
Ph. 781-2110; TLX: 19422 (USBEANS)

American Soybean Association

RNATIONAL OFFICES & WORLD REGIONS

■ **SOUTHEAST ASIA**
541 Orchard Rd.
15-01 Liat Towers
Singapore 0923, Republic of Singapore
Ph. 737-6233; TLX: 33229 (USATO)

■ **JAPAN**
Akasaka Tokyu Bldg., 11th Floor
2-14-3 Nagatacho
Chiyoda-ku
Tokyo 100, Japan
Ph. 593-2501; TLX: 781-28638 (USBEANS)

■ **KOREA**
63, Euljoro 1-ka
Chung-ku
K.P.O. Box 1704
Seoul, Korea
Ph. 778-9114; TLX: 787-25823 (SOLATO K)

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MEXICO – *CONASUPO, Avenida Juarez 92, Decimo Pisa, Colonia Centro Cuauhtemoc, 06049 Mexico D.F., Ph. 518-6180 or 521-0701; TLX: 1772552 or 1776318 (CONAME).
CONTACT PERSON: C.P. Alberto Peniche Cerezo, Director de Comercializacion Agropecuaria
(Purchaser of all grains and oilseeds.)

MOROCCO – Service de Industries Alimentaires, Direction de l'Industrie, Minister de l'Industrie, Rabat.
CONTACT PERSON: Dir. General.

NIGERIA – *Ministry of Agriculture & Natural Resources, P.M.B. 2038, Makurdi, Benue State.
CONTACT PERSON: Chief Agricultural Officer

*Federal Department of Agriculture, 17/27 Moloney Street, P.M.B. 2613, Lagos, Ph. 532601 or 632231; CABLE: FEDAG Lagos.
CONTACT PERSON: C. C. Anojulu, Director

PANAMA – *Instituto de Mercadeo Agropecuario (IMA), Apartado 5638, Panama 2, Ph. 61-1602.
CONTACT PERSON: Jose Barrios
(Importer of soybeans.)

PERU – *ENCI, Casilla 1834, Lima 1, Ph. 622696; TLX: 20031, 25044 and 25449 (PE ENCI); CABLE: ENCIPERU.
CONTACT PERSON: Gerente de Importaciones
(Sole importer of soybeans and edible vegetable oils.)

PHILIPPINES – *National Food Authority, Martimyas Bld., E. Rodriguez Ave., Quezon City, Manila, Ph. 626127, TLX: 74242007 (NGA PM).
CONTACT PERSON: Ricardo Mercado, Director/International Marketing
(Sole importer of soybeans and soybean meal. Soybean oil and other soybean products are purchased by the private sector.)

POLAND – *ROLIMPEX, ul. Chalubinskiego 8, P.O. Box 364, 00-950 Warsaw, TLX: 814241 (ROLX PL).
CONTACT PERSON: Jan Griedwidz, Mgr. Dir. (Ph. 300630) or Wladyslaw Czapiga, Oilseeds & Products Dir. (Ph. 300633)
(Sole importer of soybeans and soybean products.)

PORTUGAL – *Instituto do Azeite e Productos Oleaginosos (IAPO), Avenida Sidonio Pais, 10-2°, 1000 Lisboa. (Importer of oilseeds and products. Expected to lose exclusive import monopoly in June 1984, but will continue to exist as a buying entity.)

SAUDI ARABIA – *Grain Silos and Flour Mills Organization, P.O. Box 3402, Riyadh, Ph. 405-9152; TLX: 202580 (SAWANE SJ).
CONTACT PERSON: Ahmed Shinarwi, Dir. General
(Principal importer of soybean meal; also owner of 5 feed mills.)

SOUTH AFRICA – *Oilseeds Control Board, P.O. Box 211, Pretoria 0001, Ph. 323-5641; TLX: 3657
CONTACT PERSON: General Manager

SYRIA – *Foreign Trade Organization for Chemicals and Foodstuffs (GEZA), P.O. Box 893, Damascus, Ph. 228521; TLX: 411009.
CONTACT PERSON: Mrs. Ilfat Haman, Dir., Vegetable Oil Department
(Importer of soybean oil.)

*General Organization for Fodder, P.O. Box 4797, Damasus, Ph. 221893; TLX: 411089.
CONTACT PERSON: Adnan Sabri, Dir. General
(Importer of soybean meal.)

–Raw soybeans are purchased by the private sector–

TANZANIA – *National Milling Corporation, P.O. Box 9502, Dar es Salaam.
CONTACT PERSON: General Manager

TUNISIA – Union Tunisienne Industrie du Commerce et de l'Arisanai, 32 Rue Charles de Gaulle, Tunis.
CONTACT PERSON: Director General
(Oil industry.)

Office of Cereals, 30 Rue Alain Savary, Tunis, Ph. 286628; TLX: 13449 (OFIBLE PN).
CONTACT PERSON: Asst. Dir. General
(Importer and exporter of cereal products.)

U.S.S.R. – *V/O Exportkhleb (SEMENA), 23-34 Smolenskaya-Sennaya Pl., Moscow 121200, Ph. 244-47-01; TLX: 411145 or 411147.
CONTACT PERSON: Y. F. Bochenkov, Director
(Sole importer of soybeans.)

ZAMBIA – *Nam Board, P.O. Box 122, Lusaka.
CONTACT PERSON: General Manager.

ZIMBABWE – *Grain Marketing Board, P.O. Box 8014, Causeway, Harare, Ph. 703971; TLX: 2336.

In the following countries and countries not otherwise listed, soybeans and soybean products are traded in the private sector: Australia, Belgium, Finland, France, Greece, Hong Kong, Israel, Italy, Jordan, Lebanon, Luxembourg, Netherlands, Sweden.

MINASA (P R SF IP)*
Caixa Postal 1101, Campinas, S.P. 13.100,
Ph. 42-1966; TLX: 0191043 (MINA BR);
Other locations: Araraquara, S.P.; Arapongas, P.R.; Itumbiara, G.O.
CONTACT PERSON: John B. Sieh, Gen. Mgr.
Soy meal, pellets, mixed feed, crude, crude degummed, once refined and fully refined oil, cooking/salad oil. Served by truck and rail.

MIRACEMA NUODEX S.A.
INDUSTRIAS QUIMICAS (R IP)*
Rodovia Santos Dumont, Km. 4, 125,
Campinas 13100, Ph. 32-2700; TLX: 1201;
Plants at: Sao Paulo and Rio de Janeiro.
CONTACT PERSON: Maria Jose de Nascimento, Ext. Comm. Mgr.
Industrial lecithin and soybean fatty acids.

OLVEBRA S.A.
INDUSTRIA E COMERCIO
DE OLEOS VEGETAIS (P R SF)*
Praca Osvaldo Cruz, 15-16° andar, Porto Alegre, RS, Ph. 21-2200; TLX: 1225 (OLVE BR).
CONTACT PERSON: Hans Hajo Grun, Comm. Dir.
Cap. 5,000T/day; refinery 600T/day; storage cap. 280,000T; LOWPRO and HIPRO soy meal in bulk and bag, pellets, crude degummed, once refined and fully refined oil, bulk or drum. Served by truck, rail, barge and ship.

PERDIGAO ALIMENTOS S.A. (P R SF IP)*
Av. Nossa Senhora da Paz 722, 05349 Sao Paulo SP, Ph. 2688188; TLX: 23506 (PERD BR).
CONTACT PERSON: Juarez A. Leoni, Sls. Dr.
Solvent cap. 1,200MT/day; soy meal, pellets, crude, crude degummed, once refined and fully refined oil, cooking/salad oil. Served by truck, rail and ship.

PRODUTOS ALIMENTICIOS
DAS INDUSTRIAS GESSY
LEVER LTDA. (R SF IP)*
Divisao de Van den Bergh
Av. Vereador Jose Diniz, 3530,
Caixa Postal 60.091, Sao Paulo 01000,
Ph. 542-6111; TLX: 22795.
CONTACT PERSON: Samuel Aguirre Diaz, Tech. Dir.
Fully refined and hydrogenated oil, margarine, soaps. Served by truck.

REFINADORA DE OLEOS
BRASIL S.A. (P R SF IP)*
Av. Paulista, 2073 – Conj. Horsa II, 2nd Flr.,
Sao Paulo, S.P., 01311, Ph. 287-3122;
TLX: 32042 (NEVA BR) and 23827 (ROBR BR);
Other locations: Sao Caetano do Sul, S.P.; Araucaria, P.R.
CONTACT PERSON: C.A. Walter or J.P. Mayor
Solvent cap. 1,200MT/day; storage cap. 4,000,000 bu.; soy meal, pellets, crude, crude degummed, fully refined and hydrogenated oils; shortening, cooking/salad oil. Served by truck and rail.

RESEGUE INDUSTRIA E
COMERCIO S.A. (P R SF IP)*
Rua Maria Paula, 88, Sao Paulo, 01319,
Ph. 259-2000; TLX: 24762 (IROV BR) or 25303 (IROV BR). Other plants: Bariri, Sao Paulo; Sao Paulo, Sao Paulo.
CONTACT PERSON: Pedro Laercio Fancio, Mgr.
Solvent cap. 1,800T/day; storage cap. 105,000MT: soy meal, pellets, crude, crude degummed, fully refined and hydrogenated oil; cooking/salad oil. Served by truck, rail and ship.

S.A. MOINHOS RIO GRANDENSES
(SAMRIG) (P R SF)
Rua De Conceicao, 195, Porto Alegre, RS,
Ph. 24-1033; TLX: 028778 (SAMRIG PAE).
Solvent cap. 600,000T/day; storage cap. 140,000T; PROTOSAM toasted soy meal, isolated soy protein, edible oil and margarine, lecithin, glycerine and soapstock and balanced feedings. Served by rail.

CANADA

CSP FOODS LTD. (P R)*
P.O. Box 750, Altona, Man. R0G 0B0,
Ph. 204-324-6481; TLX: 0757556 (CSP ALTO);
Plants at: Saskatoon and Nipawin, Sask.; Harrowby, Man.; Dundas, Ont.
CONTACT PERSON: Norman Buhr, Gen. Mgr.
Solvent cap. 600T/day; storage cap. 720,000 bu.; soy meal, crude, crude degummed, once refined and fully refined oil. Served by truck and rail.

CANADA PACKERS INC. (R SF IP)*
30 Weston Rd., Toronto, Ont. M6N 3P4,
Ph. 416-766-4311; TLX: 0622257;
Plants at: Vancouver, Edmonton, Winnipeg, Toronto and Montreal.
CONTACT PERSON: D.J. Sommerville, Gen. Mgr., Edible Oils
Fully refined, hydrogenated and fractionated oil. Margarine, shortening and cooking/salad oil.

CANADIAN VEGETABLE
OIL PROCESSING (P SF IP)*
Div. Canada Packers Inc.
Victoria Ave. & Burlington St., P.O. Box 618,
Hamilton, Ont. L8N 3K7, Ph. 416-527-9121;
TLX: 0618315.
CONTACT PERSON: Anton Donkers, Gen. Mgr.
Crown Blaw-Knox hexane solvent cap. 1,200T/day; continuous press cap. 600T/day; storage cap. 1,000,000 bu.; CVOP soy meal, crude and crude degummed oil, and mixed feed. Served by truck, ship and rail.

MAPLE LEAF MONARCH CO. (P R SF IP)*
365 Evans Ave., Toronto, Ont. M8Z 5W7,
Ph. 416-252-5551; TLX: 06984560; Plant at: Windsor, Ont.
CONTACT PERSON: D.G. Ottaway, Pres.
Lurgi hexane solvent cap. 1,200MT/day;

Prepress Lurgi hexane solvent cap. 300MT/day; storage cap. 2,300,000 bu.; flaxseed, rapeseed, sunflower, soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oils. Served by truck, rail and ship.

MONARCH FINE FOODS CO., LTD. (R SF)*
6700 Finch Ave. W., Rexdale, Ont. M9W 1G9,
Ph. 416-675-1678; TLX: 06-989485; Plants at: Rexdale and Vancouver.
CONTACT PERSON: J. Sernissi
Fully refined and hydrogenated oils; margarine, shortening and cooking/salad oil. Served by truck and rail.

VICTORY SOYA MILLS LTD. (P SF IP)*
Affiliate of Procter & Gamble Co., Cincinnati, OH, USA
333 Lake Shore Blvd. E., Toronto, Ont. M5A 1C2.
Ph. 416-363-8771; TLX: 06-219812;
CABLE: VICTORY TOR.
CONTACT PERSON: B.S. Aitken, Gen. Mgr.
Soy meal, degummed oil, lecithin, flour. Served by rail.

CHILE

AGRO INDUSTRIAL MIRAFLORES S.A. (P R)*
12 Norte N° 1091, Talca, Ph. 31737;
TLX: 250149 (AIMSA CL); Plant at: Santiago,
TLX: 240953 (AIMSA CL)
CONTACT PERSON: Arturo Nash V., Admn.
Solvent cap. 28T/day; continuous press cap. 50T/day; storage cap. 500MT; soy meal, fully refined oil. Served by ship.

SOCIEDAD AGRICOLA SUPER POLLO LTD. (P)*
Casilla 333, Rancagua, Ph. 24943;
TLX: 251027 (SUPER CL)
CONTACT PERSON: Eugenio Bauer Jouanne, Admn. Mgr.
2 exp./screw press cap. 130T/day; storage cap. 2,500T; SUPER POLLO mixed feeds and pellets.

COLOMBIA

ACEITALES S.A. (P R SF IP)*
CL. 12, No. 37-19, Bogota, Ph. 2378555;
TLX: 43121 (ACLES CO). Other Plant: Buga.
CONTACT PERSON: Luis Hoyos, Mgr.
Solvent cap. 200T/day; storage cap. 26,448 lbs.; soy meal; crude, crude degummed, once refined, fully refined, hydrogenated and fractionated oil; margarine and cooking/salad oil. Served by truck and ship.

ACEITES Y GRASAS VEGETALES S.A. (ACEGRASAS) (P R SF)*
Carretera del Sur 57-21, Aptdo 12615, Bogota,
Ph. 383127; TLX: 41368.
CONTACT PERSON: Hernando A. Vergara V.
Lurgi solvent cap. 150T/day; storage cap. 9,000T; soy meal, crude, crude degummed, fully refined, hydrogenated and fractionated oil, margarine, shortening and cooking/salad oil. Served by truck.

LA AMERICANA GRASAS Y ACEITES COMESTIBLES S.A. (P R SF IP)*
Carrera 1B, No. 47-12, Cali,
Ph. 422035 or 422641; TLX: 055706.
CONTACT PERSON: Luis Enrique Umana Rojas, Gen. Mgr.
2 exp. cap. 22T/day; solvent cap. 150T/day; storage cap. 7,000MT; LA AMERICANA soy meal, crude, crude degummed, once refined, fully refined, hydrogenated oils and shortening. Served by truck.

FAGRAVE S.A. (P R IP)*
Via 40 #53B-71, Barranquilla, Ph. 316120;
TLX: 33115 (AA 2289).
CONTACT PERSON: Eduardo Rosas, Plt. Mgr.
Solvent cap. 120T/day; crude, crude degummed and fully refined oil. Served by truck and ship.

GRASAS S.A. (P R SF)*
Calle 11, No. 18-113, Apartado Aereo 85,
Buga-Valle, Ph. 2021; TLX: 05866.
CONTACT PERSON: Alberto Angel Leon, Pres.
2 exp. cap. 200T/day; Blaw-Knox solvent cap. 200T/day; storage cap. 1,600,000 bu.; SUPER-TORTA DE SOYA soy meal; crude, crude degummed, hydrogenated and fractionated oils; approx. soybean operations 48,000T. Exports through Buenaventura. Served by rail.

GRASAS VEGETALES S.A. (P R SF IP)
Carerra 51, No. 49-59, Piso 10, Box 5002,
Medellin; TLX: 66797; Plant at: Sabaneta, Antioquia.
CONTACT PERSON: German Castillo Ramirez, Gen. Mgr.
1 exp. cap. 60T/day; DeSmet solvent cap. 250T/day; storage cap. 5,000T; GRAVETAL soy meal; crude, crude degummed, once refined, fully refined and hydrogenated oils; shortening; approx. soybean operations 3,000T/month.

LLOREDA GRASAS S.A. (P R SF)*
Autopista Cali-Yumbo Kilometro 3, Ph. 682111;
TLX: 055711 (LLOGR CO).
CONTACT PERSON: Hugo Parra, Comm. Mgr.
3 exp. cap. 60T/day; solvent cap. 400T/day; storage cap. 30,000MT; approx. soybean operations 70,000T/year; soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oil, soy flour, margarine, shortening, cooking/salad oil. Served by truck, rail and ocean port of Buenaventura, 120 km.

DENMARK

AARHUS OLIEFABRIK A/S (P R SF)*
Bruunsgade 27, 8100 Aarhus C, Ph. 12-60-00.
CONTACT PERSON: H.F. Andersen, Merc. Dir.
DeSmet solvent cap. 1,200T/day; approx. soybean operations 250,000T; soy meal, crude, fully refined and hydrogenated soy oil; soyfoods.

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• International Marketing of Beans, Meal & Oil

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DANSK SOJAKAGEFABRIK A.p.S. (R IP)*
24 Islands Brygge, DK-2300 Copenhagen S,
Ph. 546600; TLX: 31313 (DASOY DK).
CONTACT PERSON: Mogens Kjaer, Gen. Mgr.
Crude degummed, fully refined and hydrogenated oil; industrial products. Served by truck, rail and ship.

DOMINICAN REPUBLIC

SOCIEDAD INDUSTRIAL DOMINICANA C.A. (P R SF IP)*
P.O. Box 726, Santo Domingo,
Ph. 565-1323; TLX: ITT 3460021 and RCA 3264210 (INDOCA)
CONTACT PERSON: Otto W. Bauer, Asst. Adm.
10 exp./screw press cap. 200MT/day; solvent cap. 200MT/day; storage cap 2,600MT; soy meal; crude, fully refined and hydrogenated oil; margarine, shortening and cooking/salad oil. Served by truck.

ECUADOR

FABRICA DE ACEITES LA FAVORITA S.A. (P R SF)*
P.O. Box 486, Guayaquil, Ph. 402840.
TLX: 043174 (JARITA)
CONTACT PERSON: Xavier Vallarino, Pres.
DeSmet solvent cap. 200T/day; storage cap. 5,400MT; soy meal, crude, fully refined and hydrogenated oil; margarines, shortening and cooking/salad oil. Served by truck, barge and ship.

INDUSTRIAS ALES C.A. (P R SF IP)*
Caracas 138 y Salinas, Quito, Ph. 230376;
TLX: 2198 (ALESCA ED); Plant at Manta.
CONTACT PERSON: Patricio Alvarez, Gen. Mgr.
Solvent cap. 150T/day; cont. press cap. 100T/day; storage cap. 10,000T; soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oil; margarine, shortening, cooking/salad oil. Served by truck.

OLEICA S.A. (P R SF IP)*
Km. 6½, Via a Daule, Casilla 3228, Guayaquil,
Ph. 351300; TLX: 3234 (OLJACE ED)
CONTACT PERSON: Francisco Molano, Tech. Dir.
Solvent cap. 100T/day; storage cap. 6,000 MT; soy meal, pellets, mixed feed, crude, crude degummed, fully refined and hydrogenated oil; margarine, shortening, cooking/salad oil. Served by truck and ship.

PRIMEROS HIDROGENADOS de ACEITES y GRASAS ECUATORIANAS S.A. (PHIDAYGESA) (P R SF)*
Km. 16½, Via a Daule, Guayaquil, Ph. 351555;
TLX: 043506 (PHIDAY ED).
CONTACT PERSON: Emilio Baquerizo V.,Pres.
Solvent cap. 70T/day; continuous press cap. 50T/day; storage cap. 5,000T; soy meal, fully refined, hydrogenated and fractionated oils, margarines, shortenings, cooking/salad oils. Served by truck and ship.

ENGLAND

BOCM SILCOCK LTD. (P SF IP)*
BOCM Silcock House, Basing View,
Basingstoke, Hampshire RG212EQ, Ph. 29211;
TLX: 858429; Plant at: Selby.
CONTACT PERSON: A. Peake, Gen. Mgr.
Solvent cap. 350T/day; animal feeds, roasted soybeans and industrial soy oil.

J. BIBBY EDIBLE OILS LTD. (P R)
57 Great Howard St., Liverpool L37AW,
Ph. 236-6671.
CONTACT PERSON: D.L. Airey, Mgr. Dir.

THE BRITISH ARKADY CO. LTD. (P SF)*
Old Trafford, Manchester M16 ONJ,
Ph. 872-7161; TLX: 668488.
CONTACT PERSON: J.R. Mahlich, Mgr. Dir.
Lecithin, soy flour, protein concentrate, isolated soy protein, TVP textured soy protein.

BRITISH SOYA PRODUCTS LTD. (P SF)*
Puckeridge NR Ware, Hertfordshire, Ph. 821291;
TLX: 81352.
CONTACT PERSON: M.A. Brown, Mgr. Dir.
Soy flours. Served by truck.

CONTINENTAL (London) LTD. (P)
Continental Grain Co.
2 Gladstone Dock, Bootle, Merseyside L2O IBG,
Ph. 051-933-6561; TLX: 628000.
CONTACT PERSON: D. Decker, Plant Mgr.
Solvent cap. 2,200T/day; storage cap. 300,000 bu.; CONTISOYA brand.

ERITH OIL WORKS LTD. (P)*
Church Manorway, Erith, Kent DA8 1DL,
Ph. 03224-36966.
CONTACT PERSON: J.R.V. Greaves, Works Dir.
Solvent cap. 1,350T/day; UNIMILLS soy meal. Served by truck and ship.

VAN DEN BERGHS AND JURGENS LTD. (R SF)*
Sussex House, Burgess Hill, West Sussex RH15 9AW, Ph. 46300; TLX: 877381 (VDBJ BH G);
Other locations: Purfleet, Essex; Bromborough, Cheshire; Greenock; Renfrewshire (Scotland); Needham Market, Suffolk.
CONTACT PERSON: B.P. Backlog, O & F Mgr.
Crude, crude degummed, once refined, fully refined, hydrogenated and fractionated oils; margarines, shortenings, cooking/salad oils. Served by truck, barge and ship.

FEDERAL REPUBLIC OF GERMANY

BROEKELMANN & CO. (P R)*
D 4700 Hamm, Oelmuehle, Raffinerie,
Speicherstr. 14-18; Ph. 44851-6; TLX: 1828843.

CONTACT PERSON: Dr. Luley
4 exp. cap. 600T/day; hexane solvent cap. 800T/day; storage cap. 15,000T; soy meal; crude, crude degummed, once refined and fully refined oils; cooking/salad oil. Served by truck, rail and barge.

HARBURGER OELWERKE
BRINCKMAN & MERGELL (P R IP)*
Seehafenstrasse 2, D-2100 Hamburg, Hamburg
90, Ph. 771140; TLX: 02-17681.
CONTACT PERSON: Klaus Buchholz, Purch. Dir.
Solvent cap. 1,000T/day; cont. press cap. 1,000T/day; storage cap. 7,000MT; soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oil. Served by truck, rail, barge and ship.

NOBLEE & THOERL GmbH (R)*
Div. of Henkel KGaA
Dusseldorf, Seehafentrasse 24, P.O. Box
90-10-40, 2100 Hamburg 90, Ph. 77-16-81;
TLX: 0217713 (NOBLE D).
CONTACT PERSON: Rolf Spindler, Purch. Mgr.
Hardened, fully refined, hydrogenated and fractionated oils. Served by truck, rail, barge and ship.

O. & L. SELS KG (P R SF)*
Duesseldorfer Str. 99-101, D-4040 Neuss/Rhein,
Ph. 27990; TLX: 8517835 (SELS D)
CONTACT PERSON: O.G. Sels
10 exp. cap. 1,200T/day; solvent cap. 2,100T/day; storage cap. 1,000,000 bu.; Meal, crude, crude degummed, once refined and fully refined oils, lecithins. Served by rail and barge.

OELMUEHLE HAMBURG AG (P R SF)*
P.O. Box 930-320, Kohlbrandstrasse 1,
D-2102 Hamburg 93, Ph. 751941; TLX: 02-163537.
CONTACT PERSON: A.V. Wissel, VP
Solvent cap. 4,200T/day; soy meal, crude degummed and fully refined soy oil, soy lecithins and derivatives, protein meals and flours. Served by truck, rail, barge and ship.

OELWERKE NOURY
& VAN DER LANDE GmbH (R IP)*
Industrietrasse 10, 4240, Emmerich/Rhein,
Ph. 02822-741.
CONTACT PERSON: H. Herten, Dir.
Once refined and fully refined oils and cooking/salad oil. Served by truck, rail and barge.

OELWERKE SPYCK (P)
Zweigniederlassung der Union Deutsche Lebensmittelwerke GmbH
Niederrhein 1, Postbox 2080, D-4190 Kleve,
Ph. 9041; Main office at: Postbox 101509,
Dammtorwall 15, Unileverhaus,
D-2000 Hamburg 36.
CONTACT PERSON: H. Habig, Plant Mgr.
Solvent cap. 790T/day; storage cap. 18,000T; UNIMILLS SOYA-SCHROT. Served by rail and barge.

Jb SCHMIDT SOHNE (R)*
6500 Mainz 1, Ph. 69930; TLX: 4-187746

SOYA MAINZ GmbH & CO.
KOMMANDITGESELLSCHAFT (P)*
Dammweg 2, Postfach 3767, 6500 Mainz,
Ph. 80051; TLX: 0418761 (A SM D)
CONTACT PERSON: Dieter Berres or Albert Wolf
Cap. 2,500T/day; storage cap. 1,000,000 bu.

THORL'S VEREINIGTE
HARBURGER OELFABRIKEN (P)*
Zweigniederlassung der Union Deutsche, Lebensmittelwerke, GmbH
D 2100 Hamburg 90, Ph. 771241.
CONTACT PERSON: N. Schrakamp, Plant Mgr.
Solvent cap. 2,900T/day; storage cap. 28,000T; UNIMILLS SOYASCHROT, approx. soybean operations 50%. Served by rail, barge and ship.

C. THYWISSEN (P R SF)*
Industriestr. 33, Postfach 71, D-4040, Neuss,
Rhein, Ph. 26041; TLX: 08517803.
CONTACT PERSON: Matthias Fischer, Head Soybean Buyer
14 exp. cap. 500T/day; solvent cap. 1,000T/day; storage cap. 350,000 bu.; soy meal, crude, crude degummed and fully refined oils and lecithin. Served by truck, rail, barge and ship.

UNIMILLS (P SF)*
Vertriebsgesellschaft fur Ernahrungsfette, Ole und Futtermittel GmbH
Dammtorwall 15, Unileverhaus, Box 10509,
D-2000, Hamburg 36, Ph. 34901; TLX: 214571
(UMIL D)
CONTACT PERSON: John le Pla or A. Bartels
Processing, lecithin, complete product range for edible, technical and animal applications.

UNION DEUTSCHE
LEBENSMITTELWERKE GmbH (P)*
Oil Milling Div. of Unilever, Unileverhaus
Dammtorwall 15, P.O. Box 101509, D-2000,
Hamburg 36, Ph. 34901; TLX: 214571 (UMIL D)
CONTACT PERSON: John le Pla or A. Bartels.

VEREIN DEUTSCHER
OELFABRIKEN (P R SF IP)*
Zweigniederlassung der Union Deutsche Lebensmittelwerke GmbH
6800 Industriehafen, Bonadiesstrasse 3-5,
D-6800 Mannheim, Ph. 37041; TLX: 0463031.
CONTACT PERSON: K. Eckert, Plant Mgr.
Solvent cap. 3,200T/day; storage cap. 30,000T; UNIMILLS SOYA-SCHROT, approx. soybean operations 50%. Soy meal; crude, crude degummed and fully refined oil; lecithin; industrial soy oil. Served by rail and barge.

WALTER RAU NEUSSER
OEL UND FETT AG (R)*
Industriestrasse 36, 4040 Neuss,
Ph. 208-0; TLX: D-8-517-827.
Refining, hydrogenation, soy and other vegetable oils.

WILHELM CONNEMANN (P R)*
Saegemuehlenstrasse 45, D-2950 Leer, Ostfriesl,
Ph. 4571; TLX: 027734.
CONTACT PERSON: Joosten Conneman or Klaus-Jurgen Dierks, Sales Mgr.
5 exp. cap. 650T/day; solvent cap. 900T/day; storage cap. 5,000T; CONNESOY 44% pellets, meal and flour, sunpellets 29%, defatted wheat germ flour 30%, refinery 100T, sunoil, refined and winterized, rapeseed, maize and wheat germ oil. Served by ship.

FINLAND

OLJYNPURISTAMO OY (P SF IP)*
P.O. Box 15, SF-00811, Helsinki,
Ph. 780155; TLX: 121518 (OILML ST).
CONTACT PERSON: P. Karri, Mktg. Dir.
3 screw pr., DeSmet solvent ext. cap. 600T/day; storage cap. 5,000MT; soy meal, soy flour, degummed soy oil, lecithin. Served by truck, rail, barge and ship.

RAISION TEHTAAT (P R SF IP)*
Oy Kasviojy-Vaxtolje AB
SF-21200 Raisio, Ph. 780311;
TLX: 62140 (RAUL SF).
CONTACT PERSON: Heikki Siintola, Mgr. Foreign Dept.
Continuous press cap. 250T/day; solvent cap. 500T/day; storage cap. 7,000MT; soy meal, crude degummed, fully refined, hydrogenated and fractionated oils; distilled fatty acids and byproducts. Served by truck, rail and ship.

FRANCE

BORDEAUX-OLEAGINEUX (P)
Quai Alfred de Vial, 33530 Bassens,
commercially managed by Societe Francaise Bunge, H5, Ave. George V, 75008 Paris,
Ph. 723 0109; TLX: 614 874.
CONTACT PERSON: Pierre Terrasson, Dir.
Exp. cap. 1,100T/day; storage cap. 32,000MT; soy meal, crude and crude degummed oil. Served by truck, rail, barge and ship.

P. DUMORTIER FRERES S.A. (P)
BP 120 Tourcoing 59202, Ph. 26-61-00;
TLX: 810075.
CONTACT PERSON: Mr. Dumortier
Served by rail.

SOCIETE INDUSTRIELLE DES OLEAGINEUX (SIO) (P R SF IP)
12 Rue du General De Gaulle,
62223 St. Laurent Blangy, B.P. 99-62223
Saint Laurent Blangy, Ph. 59.98.00;
TLX: 820580 (SIO); Main office: SIO Direction Proteines, Groupe Lesieur, 122, Av. du General LeClerc, 92103 Boulogne-Billancourt,
Ph. 604 30 32; TLX: 260917 (SOLEAG).
CONTACT PERSON: Gerard Engrand, Plt. Mgr.
DeSmet solvent cap. 220T/day; soy grits and flours, soy meal, shortening, once refined, fully refined and hydrogenated oils; soybean operations 66,000T/ year. Served by truck, rail, barge and ship.

SOJA FRANCE S.A. (P)*
Affiliate of Cargill Inc.,
Minneapolis, MN, USA
Boulevard Paul Leferme, St. Nazaire 44600,
Ph. 22-91-07; TLX: 700-941; Plant at: Brest 29200, Ph. 80-26-09.
CONTACT PERSON: Mark Bauer, Merch. Mgr.
Solvent; soy meal and crude degummed oil. Served by truck, rail and ship.

GREECE

SOYA MILLS S.A. (R SF)*
3, Valaoritou Str., Athens, Ph. 3601002;
TLX: 0214908 (SOMI GR); Plant at: Kalamaki, Korinthe.
CONTACT PERSON: E. Karatzas, Sls. Mgr.
Solvent cap. 600T/day; storage cap. 2,000,000 bu.; 44%-45% PROFAT soy meal, crude, fully refined and cooking/salad oil. Served by ship.

HAITI

SOCIETE D'EXPLOITATION D'OLEAGINEUX (SODEXOL) (P R SF IP)*
S.A.M. Laffiteau, P.O. Box 13460, Delmas,
Port-au-Prince, Ph. 20444, 24582, 24589;
TLX: 2030438 (SODEXOL)
CONTACT PERSON: Eliezer Bashan, Gen. Dir.
H.L.S. solvent cap. 450T/day; continuous press cap. 200MT/day; storage cap. 12,000MT; soy meal, pellets, crude, crude degummed, once refined and fully refined oil. Served by truck, barge and ship.

INDIA

DIPAK SOLVENT EXTRACTION INDUSTRIES (P R)*
Jawahar Road, Manavadar-362630,
Ph. 267, 268; TLX: 0169-253 (DISO IN);
Other location: Manavadar, Gujarat.
CONTACT PERSON: G. C. Patel, Partner
Solvent cap. 100MT/day; storage cap. 1,000MT; soy meal, crude and fully refined oil. Served by truck and rail.

FOODS FATS & FERTILISERS LTD. (P R IP)*
Post Box No. 15, Tanuku Road, Tadepalligudem
534101, Andhra Pradesh, Ph. 2571, 2525 or 2363.
CONTACT PERSON: Sushil Goenka, VP, Production
Solvent cap. 100MT/day; soy meal, pellets, fully refined and hydrogenated oil. Served by truck, rail and ship.

GODREJ SOAPS LTD. (P R IP)*
Pirojsha Nagar, Eastern Express Highway,
Vikhroli, Bombay, Maharashtra 400 079,
Ph. 584461 or 586861; TLX: 11-71480 (AVIX IN);
Other locations: Miraj, Maharashtra; Ambattur, Madras; Tirunelveli, Tamil Nadu.
CONTACT PERSON: N.B. Godrej, Dir.
Solvent cap. 100T/day; continuous press cap. 35T/day; storage cap. 1,000MT; soy meal, mixed feed, crude, crude degummed, hydrogenated and fully refined oil. Served by truck and rail.

J.K. EXPORT INDUSTRIES (P R)*
Savitabag, Vadal Road, P.O. Box 37,
Junagadh 362003, Ph. 1431; 2080; 1389;
TLX: 0164-204 (LUCK IN).
CONTACT PERSON: M.B. Patel, Mgr.
Solvent cap. 110T/day; continuous press cap. 80T/day; soy meal, pellets, crude, once refined, fully refined, hydrogenated and fractionated oils. Served by truck.

JINDAL SOLVENT EXTRACTIONS (P R SF IP)*
Kashipur-244713, Ph. 270 and 292.
CONTACT PERSON: Madar Mohan Jindal, Partner
Solvent cap. 65T/day; storage cap. 10,000T; soy meal, crude and fully refined oil; soyfoods and industrial products. Served by truck.

KALYAN SOLVENT EXTRACTION LTD. (P R)*
25, Jaora Compound, M.Y. Road, Indore M.P.,
Ph. 7520 or 5150; TLX: 0735327 (KESI IN)
Other location: Amona, Dewas, M.P.
CONTACT PERSON: K.C. Barjatya, Mgr. Dir.
Solvent cap. 60MT/day; soy meal, crude and fully refined oil. Served by truck and rail.

KAPIL AGRO LTD. P R)*
36, Chowringhee Rd., Calcutta 700071,
Ph. 21-2517, 24-0721 or 24-0741;
TLX: 021-7412 (IJCA IN) or 021-3158 (BLNT IN).
Plant at: Narsinghpur, M.P.
CONTACT PERSON: Hemant K. Jalan, Dir.
Solvent cap. 200T/day; soy meal, pellets; crude, crude degummed and fully refined oil. Served by truck, rail and ship.

LIBERTY OIL MILLS (P R SF)
302 Dalamal House, 206 Nariman Point,
Bombay, Maharashtra, Ph. 244445;
TLX: 6189 (LIBO IN).
CONTACT PERSON: Parvez Kader, Partner
Solvent cap. 100T/day; storage cap. 3,000MT; soy meal, pellets, crude, crude degummed, once refined, fully refined and hydrogenated oils; margarine; cooking/salad oil. Served by truck, rail and ship.

M.P. OIL EXTRACTION PVT. LTD. (P R)*
22/55 Industrial Area, P.O. Box 1, Malviya Path,
Raipur (M.P.) 492 001, Raipur, Madhya Pradesh,
Ph. 25027, 26670, 23429; TLX: 0775-215/224 (MPOL).
CONTACT PERSON: Suresh D. Manik, Mgr. Dir. or Paresh Manik, Tech. Dir.
Solvent cap. 150MT/day; storage cap. 6,000MT; soy meal, crude, crude degummed and fully refined oils. Served by truck, rail and ship.

MADHUSUDAN VEGETABLE PRODUCTS CO. LTD. (P R)*
P.O. Rakhial Stn.-382315 Talukai-Behgam,
Ahmedabad, Gujarat, Ph. 22896, 22897, 22898;
TLX: 012-482; Other locations: Rakhial; Kadi, Mehsana (Gujarat).
CONTACT PERSON: R.S. Saraogi, C.E.O.
Solvent cap. 50T/day; storage cap. 1,000MT; soy meal, crude, crude degummed and fully refined oils. Served by truck, rail and ship.

MALWA PROTEINS & OILS PVT. LTD. (P)*
E 5/90, Arera Colony, Bhopal (MP) 462016,
Ph. 64891; TLX: 0705-276 (MPOL IN);
Other factory: Maksi (Gadroli) Industrial Estate,
Maksi Dist., Shajapur (MP).
CONTACT PERSON: Deepak Suryavanshi, Mgr. Dir.
Solvent cap. 60T-100T/day; storage cap. 4,000T; soy meal, crude and crude degummed oil. Served by truck, rail, barge and ship.

MALWA VANASPATI & CHEMICAL COMPANY LTD. (P R IP)
1, Mohatta Nagar, Indore - 452 003, M.P.,
Ph. 6353, 6354, 6355; TLX: 0735 228 (MVCC IN).
CONTACT PERSON: B.S. Mohatta, Chrmn.
Soy meal; crude, crude degummed, once refined, fully refined and hydrogenated oils. Served by truck, rail and ship.

NAV MAHARASHTRA CHAKAN OIL MILLS (P R)*
Kupwad Block, M.I.D.C., Plot E-6, Miraj, Dist. Sangli, Maharashtra, Ph. 449449, 449890 or 447306; TLX: 0145349 (NMC IN)
CONTACT PERSON: Shantilal Ratanchand Lunkad
Solvent cap. 150MT/day; soy meal, crude and refined oil.

OSWAL AGRO MILLS LTD. (P R IP)*
107-108 Padma Tower-1, 5 Rajindra Place,
New Delhi 110008, Ph. 5715150, 5715317 or 5715103; Plants at: Ludhiana, Punjab; Mandideep (Raisen), M.P.
CONTACT PERSON: Abhey Kumar Oswal, Man. Dir. or K.L. Jain, Chief Exec.
Solvent cap. 300MT/day; soy meal, pellets; crude, crude degummed, once refined, fully refined and hydrogenated oil. Served by truck and rail.

PREMIER EXTRACTIONS PVT. LTD. (P R SF)*
45/47 A. Industrial Area, A.B. Rd., Dewas, M.P.,
Ph. 5989, 38705 or 236-854; TLX: 0735-306 (PREM IN).
CONTACT PERSON: G. L. Agrawal, Mgr. Dir.
Solvent cap. 150MT/day; storage cap. 10,000MT; soy meal, crude and fully refined oils. Served by truck and rail.

PRESTIGE FOODS PVT. LTD. (P R SF IP)*
30, Jaora Compound, M.Y.H. Road,
Indore 452001, M.P., Ph. 4633, 21725 or 34014;
TLX: 0735205 (PFM IN); Other locations: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
Solvent cap. 160T/day; storage cap. 6,000T; soy meal, mixed feed, pellets, crude, crude degummed, once refined and fully refined oils. Served by truck, rail and ship.

RAJANI BROTHERS (R)*
15, Jaora Compound, Indore-452001, M.P.,
Ph. 5163 & 7722.
CONTACT PERSON: G.J. Rajani, Partner
Continuous press cap. 40T/day; crude and fully refined oil. Served by truck and rail.

RASOI LTD. (R IP)*
20 Sir R.N. Mukherjee Road, Calcutta,
W. Bengal, 700001, Ph. 230114; TLX: 0212904 (RASO IN). Other locations: Kundli, Haryana; Bhiwani, Haryana; Madhyamgram, West Bengal.
CONTACT PERSON: Raghu Mody, Chrmn.
Crude, crude degummed, once refined, fully refined, hydrogenated and fractionated oil; soaps. Served by truck and rail.

SHREE KANTI OIL MILLS (P R)*
Anand Building, 82/84, Kazi Syed St.,
Bombay 400003, Ph. 322797 or 335521;
TLX: 0113581 (KNTI IN); Other location: Jamnagar Gujarat.
CONTACT PERSON: K.H. Badiani, Partner
Solvent cap. 100MT/day; cont. press cap. 25MT/day; storage cap. 10,000MT; soy meal, crude oil, fully refined oil.

SHREE MANSINGKA OIL MILLS LTD. (P R)*
Mansingka Chambers, 258 Kalbadevi Rd.,
Bombay-400002, Maharashtra, Ph. 317791, 296313; Plant at: Khandwa, Madhya Pradesh.
CONTACT PERSON: D.P. Mansingka, Mgr. Dir.
Solvent cap. 250MT/day; continuous press cap. 225MT/day; storage cap. 4,000MT; soy meal, pellets, crude, crude degummed, once refined, fully refined and hydrogenated oil. Served by truck and rail.

SOYABEAN EXTRACTION PVT. LTD. (P)*
143 Jolly Maker Chambers Two, 14th Flr.,
225 Nariman Pt., Bombay 400021, Ph. 2021320,
TLX: 3078 (UTPA IN); CABLE: UTPADAN.

THE TATA OIL MILLS CO. LTD. (P SF)*
Bombay House, Homi Mody Street,
Bombay 400023, Ph. 259131 or 258453;
TLX: 2618 (TATA IN) or 4880 (TOMCO IN)
CONTACT PERSON: M.C. Badami, Mgr. Protein Foods
2 exp., solvent cap. 21,900T/year; soy isolate, CHIC-PIC poultry feed mash, O.K. cattle feed, mixed feeds and pellets.

TRISTAR SOYA PRODUCTS LTD. (P R)*
1111-A Raheja Chambers, 213, Nariman Point,
Bombay, Ph. 223058 or 224102;
TLX: 11-4953 (MOPL IN).
CONTACT PERSON: M.P. Mansinghka, Chrm.
Solvent cap. 250MT/day; storage cap. 5,000MT; soy meal, crude, crude degummed, once refined and fully refined oil. Served by truck, rail and ship.

VIKAS EXPORT INDUSTRIES (P R SF)*
3, Gandhi Chambers, Gondal Rd., RAJKOT-2,
Rajkot, Ph. 88971-88972; TLX: VEIR-281.
CONTACT PERSON: D.G. Patel
Solvent cap. 100MT/day; continuous press cap. 60MT/day; storage cap. 2,000MT; soy meal; crude, once refined and fully refined oils; margarine and cooking oil. Served by truck, rail, barge and ship.

VIPPY SOLVEX PRODUCTS PRIVATE LTD. (P R SF IP)
28, Industrial Area, AB Road, Dewas 455-001,
Ph. 581; TLX: 0732-201 (VSP IN).
CONTACT PERSON: Prakash Mutha, Mgr. Dir.
Exp. cap. 40MT/day; solvent cap. 100MT/day; storage cap. 15,000MT; soy flour, soy meal, crude, crude degummed, once refined and fully refined oils. Served by truck and rail.

IRAN

SHERKATE SAHAMI ROWGHAN NABATI JAHAN (P R SF)
15 Ave., Malekoshoara Bahar, Tehran 15,
Ph. 838036; TLX: 214079 (RNJ IR);
Plant at: Jahanshahr, Karadj.
CONTACT PERSON: Hamid Ghazanfar, CEO
Solvent cap. 600T/day; continuous press cap. 250T; storage cap. 20,000MT; soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oil, shortening.

ISRAEL

ETZ HAZAYITH LTD. (P R SF IP)*
P.O. Box 193, Petah Tikva, 49101, Ph. 927171;
TLX: 341859 (ETZHL ILG).
CONTACT PERSON: J. Sarid, Gen. Mgr.
Solvent cap. 600T/day; storage cap. 2,000T; soy meal; crude, crude degummed, once refined, fully refined, hydrogenated soy oil; lecithin, flour, margarine and shortening. Served by truck and rail.

IZHAR OIL INDUSTRY OF ISRAEL LTD. (P R IP)*
P.O. Box 823, Tel-Aviv, Ph. 242555;
TLX: 33441 (OCEAN IL);
Plant at: 52 Nahlatlzhak St., Tel-Aviv.
CONTACT PERSON: M. Mitelman, Dir.
SBP Benzene 60% solvent cap. 600T/day; storage cap. 10,000MT; soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oils. Served by truck and rail.

OLIVEX LTD. (P R SF)*
25 Rothschild Blvd., P.O. Box 1498,
61014 Tel-Aviv; Ph. 614451; TLX: 341118 (BXTV IL); CABLE: EXOLIV. Plant at: Petah Tiquah.
CONTACT PERSON: Wolf Cegla, Uriel G. Cegla or Ronit Silon
Continuous solvent cap. 600MT/day; cont. press cap. 200MT/day; storage cap. 3,500T; soy meal; crude, crude degummed, once refined and fully refined oils; cooking/salad oil. Served by truck.

SHEMEN INDUSTRIES LTD. (P R IP)
P.O. Box 136, Haifa 31000, Ph. 04-670491;
TLX: 46776 (KFOOD IL).
CONTACT PERSON: Z. Neumann, Mktg. Dir.
Allis-Chalmers, DeSmet and French solv. cap. 600T/day; storage cap. 16,000T; approx. soybean operations up to 10,000T/month; crude, crude degummed, fully refined and hydrogenated oils; MEGED soy oil and SHEMEN meal. Served by truck, rail and ship.

TAVLIN LTD. (P R)*
Box 36, Rishon-le-Zion, Ph. 948-224.
CONTACT PERSON: I. Cohen, Plant Mgr.
2 continuous solvent ext. plants, cap. 400T/day; storage cap. 1,600T; 44% soy meal, crude, crude degummed, once refined and fully refined oils; undecorticated cottonseed meal; approx. soybean operations 80%. Served by truck.

TETH BETH LTD. (P R SF IP)*
P.O. Box 147, Petah Tikva 49101, Ph. 913191;
TLX: 341962 (TB IL).
CONTACT PERSON: Ezra Berger, Mgr.
Solvent cap. 700T/day; cont. press cap. 150T/day; storage cap. 17,000T; soy meal; crude, crude degummed, once refined, fully refined and hydrogenated oil; margarine, shortening, cooking/salad oil; industrial products. Served by rail.

ITALY

GIACOMO COSTA FU ANDREA S.p.A. (P R SF)
Via Gabriele d'Annunzio 2, Genova,
Ph. 54831; TLX: 270068 (COSTA I);
Plant at: Vignole Borbera, Alessandria.
CONTACT PERSON: Lorenzo Costa, Co-owner
Continuous solvent plant cap. 800T/day; storage cap. 45,000T; COSTA soy meal, crude degummed and fully refined oils, cooking/salad oil, soy lecithin; approx. soybean operations 90%. Served by truck, barge and ship.

I.G.O.R. S.p.A. (R SF)*
Via Milano 3, Orzinuovi, 25034, Ph. (030) 941761-2-3-4-5; TLX: 300054 (IGEAOR).
CONTACT PERSON: Zanisi Adriano, Pres.
Crude, crude degummed, once refined, fully refined, hydrogenated and fractionated oils; margarine and shortening.

INDUSTRIE CHIMICHE ITALIA CENTRALE S.p.A. (ICIC) (P R SF IP)*
Molo Sud, Zona Industriale, Ancona,
Ph. 55771; TELEGRAPH: ICIC Ancona;
TLX: 560035 (ICIC A) - 560866 (ICIC B).
CONTACT PERSON: Fabio Russo, Asst. Gen. Mgr.
Solvent cap. 800T/day; storage cap. 46,000MT/day; soy meal, crude, crude degummed and fully refined oils; cooking/salad oil. Served by truck.

ITALIANA OLII E RISI S.p.A. (P R SF IP)
Via Romolo Gessi, 20, Ravenna, 48100,
Ph. 0544-31222; TLX: 550077 (IORRA I).
Plants at: Porto Corsini, Ravenna; Porto Marghera, Venice; and Aprilia, Latina.
CONTACT PERSON: Stefano Ghirardini, Tech. Dir.
Solvent cap. 3,000T/day; press cap. 400T/day; storage cap. 160,000MT; soy meal; crude, crude degummed, once refined and fully refined oils; LECITOIL soy lecithin; approx. soybean operations 90%. Served by truck, ship and rail.

LIQUIFARM-GRUPPO INDUSTRIE ALIMENTARI S.p.A. IN AMMINISTRAZIONE STRAORDINARIA (P R SP IP)*
Via L da Vinci 19, Livorno, Ph. 34731;
TLX: 500053; CABLE: GIAMIX.
CONTACT PERSON: Erminio Cipolla, Plant Mgr.
Solvent cap. 300T/day; storage cap. 450T; plant storage, 50,000T; soy meal; pellets; mixed feed; crude, crude degummed and fully refined oils. Served by truck and rail.

S.I.O. S.p.A. (P R SF IP)*
Via Farini, N. 56, Modena, 41100, Ph. 222571;
TLX: 510138 (SIO MO I).
Plants at: Castelfiorentino, Modena and Ravenna.
CONTACT PERSON: Paolo Domenichini, Administrator
Soy meal; crude degummed and fully refined oil; lecithin, soyfoods, industrial products, cooking/salad oil.

STAR STABILIMENTO ALIMENTARE S.p.A. (R SF)*
Via Matteotti 142, Agrate Brianza, Ph. 6550;
TLX: 330133 or 341274.
CONTACT PERSON: Massimo Barni, Buyer
Fully refined and hydrogenated oil, margarine, cooking/salad oil. Served by truck.

JAMAICA

JAMAICA SOYA PRODUCTS INDUSTRIES LTD. (P)
P.O. Box 27, Old Harbour, St. Catherine,
Ph. 983-2217.
CONTACT PERSON: F.A. Anderson, Gen. Mgr.
French stationary basket extractor, cap. 300MT/day; storage cap. 500,000 bu.; bulk and bagged soy meal.

JAPAN

AJINOMOTO CO. INC. (P R SF IP)*
5-8, 1-Chome, Kyobashi, Chou-ku, Tokyo,
Ph. 272-1111.
CONTACT PERSON: N. Mizoguchi, Plant Mgr.
8 screw press cap. 140T/day; hexane solvent cap. 700T/day; storage cap. 27,000MT; once refined, fully refined, hydrogenated and fractionated oils, oilseed meal, lecithin, soy protein, seasonings, AJI-MATE, amino acids, mayonnaise, margarine, soy flour, soups, AJI-CURE prepared frozen food, instant coffees and AJI-COAT. Served by truck, rail, barge and ship.

FUJI OIL CO. LTD. (P R SF)*
Nissei Midosuji Hachimancho Bldg.,
6-1 Hachimancho, Minami-ku, Osaka 542,
Ph. 213-8151; Plants at: Izumisano and Kobe;
Offices at: Fukuoka, Hiroshima, Nagoya, Sapporo and Tokyo.
CONTACT PERSON: Yukio Miyazawa
Solvent cap. 300T/day; storage cap. 4,000MT; soy meal; crude, crude degummed, once refin-

ed, fully refined, hydrogenated and fractionated oils; margarine, shortening and cooking/salad oil; textured soy protein and protein concentrates and isolates. Served by truck and barge.

HOHNEN OIL CO. LTD. (P R SF IP)*
Mitsui Life Insurance Bldg., 1-2-3,
Ohtemachi, Chiyoda-ku, Tokyo, Ph. 211-6511;
Plants at: Kobe and Shimizu.
CONTACT PERSON: R. Senbongi, Plant Mgr.
Hexane solvent cap. 2,000T/day; storage cap. 90,000T; HOHNEN soy meal, SOYALET mixed feed for dairy and beef cattle, crude, crude degummed, once refined and fully refined oils, HOHNEN YUTAKAMAME meal for tofu, HOHNEN ELF health food with vitamin E, vitamin F and soybean lecithin, corn starch, salad and tempura oil, soy protein and soy milk, soy lecithin, soybean glue, SOY PRO culture ground for microbes, synthetic resin adhesives. Served by truck, barge, rail and ship.

JAPAN SOYA PRODUCTS CO. LTD. (P)
Niphon Daizu Seiyu Co., Ltd.,
19-1 Sumiyoshi-Hamamachi, Higashinada-Ku, Kobe.
CONTACT PERSON: Kiyotsugu Itai, Pres.
Solvent cap. 1,800T/day; soybean operations 45,000T/month; soy meal and degummed soy oil.

KATO OIL MILL CO. LTD. (P R)*
2-1-16, UmeMachi, KonoHana-ku, Osaka
Ph. 462-0101. Plants at: Tamano City and Takamatsu City.
CONTACT PERSON: Tokushiro Kato, Pres.
Exp. cap. 188T/day; solvent cap. 300T/day; storage cap. 13,000MT; soy meal and fully refined oil. Served by truck.

NIKKO OIL MILLS CO. LTD. (P R SF)*
Kowa Hitotsubashi Bldg., 3-5-1 Kanda, Nishiki Cho, Chiyoda-ku, Tokyo, Ph. 233-3951;
TLX: 222-4940 (NIKOIL); Plant at: Mizushima, Kurashki Okayama Pref., Ph. 48-3232.
CONTACT PERSON: F. Nonaka, Mgr. Dir.
2 exp./screw press cap. 500MT/day; solvent cap. 1,400MT/day; storage cap. 46,500MT; NIKKO DASSHIDAIZU, NIKKO MAME and SAKAE MAME soy meal, rapeseed and other vegetable meal, crude, crude degummed, once refined and fully refined oils, cooking/salad oil, rapeseed oil and other vegetable oils. Served by truck, barge, ship and rail.

THE NISSHIN OIL MILLS, LTD. (P R SF IP)*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo
Ph. 03-555-6923; Plants at: Yokohama and Kobe.
CONTACT PERSON: T. Okumori, Plant Mgr.
4 cont. solvent ext. cap. 3,300T/day; storage cap. 115,000T; DAIKYUI soy meal, pellets, soy flour, soybean edible protein, salad oil, margarine, shortening, lecithin, fatty acid, hardened oil, other vegetable oil and meals. Served by truck, rail, barge and ship.

TOYO OIL MILLS CO. INC. (P R SF IP)*
Subsidiary of Ajinomoto Co. Inc., Tokyo
230 Shinminato, Chiba-Shi 260, Ph. 411251.
CONTACT PERSON: N. Tachikawa, Supt.
Solvent cap. 3,000T/day; storage cap. 83,000MT; soy meal, once refined oil and lecithin. Served by truck, barge and ship.

JORDAN

JORDAN FEED COMPANY (P)*
King Hussein Street, P.O. Box 499, Amman,
Ph. 25617, 36243 or 38243;
TLX: 21241 (PROVIM JO).
CONTACT PERSON: N. Hammoudeh, Gen. Mgr.
Soy meal and mixed feed. Served by truck and ship.

KOREA

CHEIL SUGAR CO. LTD. (P R SF IP)
23rd Floor, Samsung Main Bldg. 250,
2-Ka, Taepyung-ro, Chung-Ku, Seoul,
Ph. 28-7533; TLX: K23762
Plant at: 64 3-Ka Sinhungdong Chungku Inchon.
CONTACT PERSON: M.Y. Yoo, Plant Mgr.
Solvent cap. 700MT/day; storage cap. 20,000MT; WHITE SNOW soy meal and CHEIL mixed feeds, crude, crude degummed, once refined and fully refined oil, WHITE SNOW cooking/salad oil. Served by truck.

DONG BANG CORPORATION (P R SF IP)*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku, Seoul, Ph. 633-3921; TLX: K27334 (DBCORP);
Plant at: 468 E-dong, Jin Hae, Kyung Nam., Ph. 2-2161-3.
CONTACT PERSON: Myoungsoo Shin, Pres.
Solvent cap. 1,725MT/day; press cap. 150MT/day; storage cap. 1,763,000 bu.; soy meal; crude, crude degummed, fully refined and hydrogenated oils; cooking/salad oil; HAE PYO mixed feed; soy flour; soymilk for nutritional beverage and raw material for ice cream, TSP. Served by truck, rail, ship.

SAM YANG OIL & FEED CO. LTD. (P R SF)*
51-1 Susong-dong, Jongro-ku, Seoul,
Ph. 313-0159; TLX: K23275 or K26138 (SAMYANG); Plant at: 45-7ka, Hang-dong, Jung-gu, Inchon; Ph. 882-3714
CONTACT PERSON: Byung Wook Lee, Pres.
Solvent cap. 300MT/day; storage cap. 551,175 bu.; SAM YANG soy meal, mixed feeds; crude, crude degummed, fully refined and cooking/salad oil. Served by truck.

KUWAIT

KUWAIT FLOUR MILLS CO. S.A.K. (P R)*
Jamal Abdulnasser St., P.O. Box 681 Safat,
Ph. 841866; TLX:22209 (MATAHEN)
CONTACT PERSON: Bader A. Al Mousa, Gen. Mgr.
Solvent cap. 50T/day; storage cap. 12,000MT; soy meal, fully refined and hydrogenated oil, shortening and cooking oil. Served by truck and ship.

LEBANON

SELAATA TERMINAL (P R)
Ste. Huiles et. Derives SAL, P.O. Box 644, Beirut, Ph. 221413; TLX: 20877 (LE).
CONTACT PERSON: Shehadeh Malouf, Mgr.
Solvent cap. 1,200T/day; storage cap. 30,000MT; soy meal, mixed feed, fully refined oil. Served by truck and ship.

MALAYSIA

MALAYAN FLOUR MILLS BHD (P)*
Wisma MCA, 10th Fl., Jalan Ampang,
Kuala Lumpur, Ph. 419066;
TLX: 30378 (FLOUR MA);
CABLE: FLOURMILL KUALA LUMPUR.
Other plants at: Lumut and Perak.

PASIR GUDANG EDIBLE OILS SDN. BHD. (P R)*
8th Floor, Wisma Misc., Jalan Conlay, Kuala Lumpur 04-09, Ph. 424077; TLX: 30322 (FEDMIL MA); Plant at: P.O. Box 80, Pasir Gudang, Kawasan Pelabuhan, Johor,
Ph. 07512014; TLX: 60678 (PGEOPG MA).
CONTACT PERSON: Kwok Kian Hai, Mgr.
Hexane solvent cap. 300MT/day; storage cap. 25,000MT; soy meal, crude and fully refined oils. Served by truck and ship.

SOON SOON OIL MILLS SDN. BHD (P)*
Plot 94, Prai Industrial Estate, Prai, Province Wellesley, Butterworth, Penang, Ph. 348277;
TLX: 40774 (SSOON MA).
CONTACT PERSON: Neoh Soon Bin, Mgr. Dir.
Solvent cap. 300MT/day; storage cap. 17,500 MT; soy meal, crude degummed oil. Served by truck and ship.

MALTA

THE EDIBLE OIL REFINING CO. LTD. (R SF)*
Mgieret Rd., P.O. Box 539, Marsa,
Ph. 623613; TLX: 1420MW (OIL REF).
CONTACT PERSON: J. Parnis England, Mgr. Dir.
Fully refined oils; margarine, shortening and cooking/salad oil. Served by truck.

MEXICO

ACEITE CASA S.A. (P R SF)*
Ave. Ceylan, No. 793, Col. Industrial Vellejo;
TLX: 177-1716 (CASA ME).
CONTACT PERSON: Enrico Cusi, Owner
Exp. solvent (French) cap. 300MT; cont. press cap. 450MT/day; storage cap. 20,000MT; soy meal; crude, crude degummed, once refined and fully refined oil. Served by truck and rail.

ACEITERA LA JUNTA S.A. (P)*
Calzada Gobernador Curiel No. 4781,
P.O. Box 9-3, Guadalajara, Jalisco,
Ph. 12-65-46; TLX: 684012 (LAJU ME).
CONTACT PERSON: Julio Caesar Gomez Fernandez, Dir.
13 exp./screw press cap. 150T/day; solvent cap. 300T/day; cont. press cap. 400T/day; storage cap. 40,000MT; soy meal, mixed feeds and pellets, crude and crude degummed oil; approx. soybean operations 25,000T-30,000T/year. Served by truck and rail.

ACEITERA MATAMOROS S.A. DE C.V. (P IP)*
Av. Uniones S/N, Zona Industrial,
H. Matamoros, Tamaulipas, C.P. 87310,
Ph. 38942, 38943 or 38959;
TLX: 35016 (AMAT ME).
CONTACT PERSON: Pablo R. Penaloza, Mgr.
Solvent cap. 300T/day; continuous press cap. 300T/day; storage cap. 30,000MT; soy meal, crude and crude degummed oil. Served by truck and rail.

ACEITERA TAPATIA S.A. (P)
Guadalajara, Jalisco.
CONTACT PERSON: Tomas Limon G., Owner
Solvent cap. 150T/day; continuous press cap. 200T/day; storage cap. 20,000MT; soy meal, mixed feed, crude and crude degummed oil. Served by truck, rail and ship.

ACEITES DEL MAYO S.A. DE C.V. (P R)*
Km. 1778 Carretera Nogales, Navojoa, Sonora,
Ph. 3-34-34; TLX: 055626.
CONTACT PERSON: Ramon Ahumada, Gen. Mgr.
Solvent ext. cap. 600MT/day; storage cap. 55,000MT; soy meal, crude oil, crude degummed and fully refined oil. Served by truck and rail.

ACEITES Y DERIVADOS DEL PACIFICO S.A. DE C.V. (P R IP)*
Km. 2125, Carretera Hermosillo-Nogales,
Hermosillo, Sonora, Ph. 42215; TLX: 058854;
CONTACT PERSON: Jose L. Aguilar, Gen. Mgr.
Solvent cap. 240T/day; continuous press cap. 250T/day; storage cap. 40,000MT; soy meal, crude, crude degummed, once refined and fully refined oils. Served by truck and rail.

ANDERSON, CLAYTON & CO. (P)
Av. Vallarta, No. 6449, Guadalajara, Jalisco;
TLX: 682736 (ACCO ME); Plants at: Chavez, Coahuila and Empalme, Sonora.
CONTACT PERSON: Roberto Lerma, Plant Mgr.
Chavez Coahuila Plant: Exp. solvent cap. 200MT/day; Empalme, Sonora Plant: Exp. solvent cap. 420MT/day.

FABRICA DE ACEITES LA CENTRAL S.A. (P R SF)*
Industrias Gonzalez, Escobedo Sur No. 740,
Guadalajara, Jalisco, Ph. 350046;
TLX: 0681763.
CONTACT PERSON: Daniel Sada A., Mgr.
8 exp. cap. 400T/day; solvent cap. 500T/day; PASTA MEX soy meal, crude, once refined and fully refined soy oil. Served by rail.

FABRICA DE JABON LA CORONA S.A. DE C.V. (P R SF IP)*
Apartado Postal 890, Zona Industrial No. 2,
Ciudad Obregon, Sonora, 85000,
Ph. 34690; TLX: 552839 (FJCO BR).
Plants at: Ciudad Obregon, Sonora and Xalostoc, Edo de Mexico
CONTACT PERSON: Alfredo Garcia Serrato, Prod. Mgr.
2 solvent cap. 300T/day; storage cap. 21,000MT; SOYARINA 50 soy meal, soy flour, crude, crude degummed, and once refined oils. Served by truck, rail and ship

GALLETERA MEXICANA S.A. (GAMESA) (P R SF IP)*
Apdo Postal 871, Ciudad Obregon, Sonora,
Ph. 41907 or 51667.
CONTACT PERSON: Ricardo J. Fierro Ramirez, Mgr.
DeSmet solvent cap. 500T/day; press cap. 500T/day; storage cap. 60,000MT; soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oils, shortening. Served by truck and rail.

HIDROGENADORA NACIONAL S.A. (P R SF)*
Rio Lerma #150, Tlalnepantla,
Ph. 5650133 or 5659280; TLX: 172658 (HINA ME)
CONTACT PERSON: Nicolas Xacur, Pres.
Exp. solvent cap. 250MT/day; soy meal, crude, crude degummed, once refined, fully refined, and hydrogenated oil; margarine, shortening, cooking/salad oil. Served by truck and rail.

INDUSTRIAL ACEITERA S.A. (P R SF)*
Km. 20½, Carretera, Cuautitlan, Apartado 182,
Tlalnepantla; TLX: 017-178656 (IASA ME).
CONTACT PERSON: Hector Garcia Padilla, Oper. Mgr.
Solvent cap. 350T/day; soy meal, crude degummed, fully refined and hydrogenated oil, shortening, cooking/salad oil. Served by truck and rail.

INDUSTRIAL DE ALIMENTOS S.A. (P SF IP)*
Poniente 146 No. 789, Col. Industrial Vallejo,
Deleg. Azcapotzalco, 02300, D.F.,
Ph. 5674022 or 5679475
CONTACT PERSON: Felipe Suberbie, Gen. Mgr.
Solvent cap. 15MT/day; storage cap. 3,000 MT; crude oil, soyfoods, industrial products.

INDUSTRIAL JABONERA LA ESPERANZA S.A. (P R SF IP)*
Valores Modernos SA, Fte. a la Estacion de los FFCC, Gomez Palacio, Durango, Ph. 40144;
TLX: 032877.
CONTACT PERSON: Aureliano Alatorre M., Mgr.
Lurgi solvent cap. 150T/day; storage cap. 740 bu.; soy flour, soy meal, crude, crude degummed, once refined and fully refined oils. Served by truck and rail.

INDUSTRIAS CONASUPO S.A. DE C.V. (P R SF IP)*
Subsidiary of Compania Nacional De Subsistencias Populares
Km. 11.5 Carretera A. San Luis R.C. Sonora,
Mexicali, Baja California, Ph. 68761 AL64;
TLX: 569802 (ICMX ME). Other plants: Tultitlan, Est. de Mexico; Gomez Palacio, Durango; Monterrey, Nuevo Leon; Neuvo Laredo, Tamaulipas; Ciudad Obregon, Sonora; Navojoa, Sonora.
CONTACT PERSON: Eduardo Bejarano, Tech. Supt.
Solvent cap. 400MT/day; storage cap. 26,000MT; soy meal; crude, crude degummed, fully refined and hydrogenated oil, shortening, cooking/salad oil. Served by truck and rail.

MOLINOS UNION DEL YAQUI S.A. DE CV (P)
Carretera Internacional, Km. 337,
Ciudad Obregon, Sonora,
Ph. 91-641-46030/46090; TLX: 552813 (MUY ME).
CONTACT PERSON: Ramon Rivera, Mgr.
EMI solvent cap. 500MT/day; storage cap. 150,000MT; soy meal, crude and crude degummed oil. Served by truck and rail.

NEGOCIACION INDUSTRIAL SANTA LUCIA S.A. (P R SF)*
Av. Heroes de Nocupetaro No. 1022,
Morelia Michoacan, Ph. 20175.
CONTACT PERSON: Fernando Trevimo, Plt. Dir.
Solvent cap. 50 MT/day; cont. press cap. 75MT/day; storage cap. 6,600 MT; soy meal; crude, crude degummed and fully refined oil; shortening and cooking/salad oil. Served by truck and rail.

LA PALMA S.A. (P R IP)*
Sidar y Rovirosa, No. 158, Mexico 9 DF,
Ph. 20374.
CONTACT PERSON: P. Villarreal, Mgr.
6 exp. cap. 250T/day; DeSmet solvent cap. 180T/day; storage cap. 365-440 bu.; soy meal, crude and fully refined oil. Served by rail.

LA POLAR (P R IP)*
Av. Manuel Gonzalez 165, Mexico 3, D.F.,
Ph. 5833845; TLX: 1772498 (POLA ME).
Other plants: Mexico D.F., Mexico; Mexicali, Baja, California; Matamaros, Tamaulipas; Cd. Obregon, Sonora.
CONTACT PERSON: Diego Gutierrez, Pres.
Solvent cap. 1,100T/day; cont. press cap. 770T/day; storage cap. 110,000MT; soy meal, crude, crude degummed, once refined, fully refined and hydrogenated oil. Served by truck, rail, barge and ship.

PRODUCTOS ALIMENTICIOS DELICIAS S.A. (P SF)*
Apartado Postal 376, Zona Industrial Oriente,
Cd. Delicias, Chih., Ph. 23093.
CONTACT PERSON: Joaquin Ponce Aguirre, Gen. Mgr.
Ext. cooker, processing cap. 8T/day; storage cap. 3,000T; full-fat soy flour and soyfoods. Served by truck and rail.

RAUL GARCIA Y CIA., S.A. DE C.V. (P)*
Av. Adolfo Ruiz Cortines, No. 257 Pte.,
Monterrey, Nuevo Leon, Ph. 515700;
TLX: 382648.
CONTACT PERSON: Enrique R. Garcia, Mgr.
Exp. solvent cap. 700T/day; soy meal and crude oil. Served by truck and rail.

MOROCCO

LES HUILERIES DE MEKNES (R SF IP)*
B.P. 2021 Sidi Said, Meknes, Ph. 531482;
TLX: 41034 (HUILMEK).
CONTACT PERSON: Eddaoudi Hassan, Mgr. Dir.
Fully refined oil. Served by truck.

HUILERIES' DU SOUSS (R SF)
Quartier Anza, B.P. 135, Agadir,
Ph. 08-23130; TLX: 81015.
CONTACT PERSON: Abdallah Bel Hassan, Dir. Gen.
Crude, crude degummed, once refined and fully refined oil, cooking/salad oil. Served by truck.

LESIEUR AFRIQUE CASABLANCA (R)*
1, Rue Caporal Corbi, Casablanca,
Ph. 246636; TLX: 25674.
Oil refining, soy, olive, sunflower and rapeseed.

NETHERLANDS

CARGILL B.V. (P R SF IP)*
Affiliate of Cargill Inc.,
Minneapolis, MN, USA
Coenhavenweg 2, Box 8074,
1005AB Amsterdam, Ph. 803-803; TLX: 14081.
CONTACT PERSON: Eef Paalvast, Merch. Mgr.
Solvent; storage cap. 40,000MT; CARGILL soy meal, crude, crude degummed, once refined and fully refined oils. Served by truck, barge, ship and rail.

CENTRAL SOYA UTRECHT B.V. (P)*
Affiliate of Central Soya Inc.,
Fort Wayne, IN, USA
Everard Meijsterlaan 3, Utrecht, Ph. 938141;
TLX: 844-47479.
CONTACT PERSON: Arend Teygeler, Mgr.

ROTTERDAMSCHE MARGARINE INDUSTRIE ROMI B.V. (R)
Postbus 20, 3130 AA Vlaardingen, Netherlands,
Ph. 340311; TLX: 25770 (ROMI NL).
CONTACT PERSON: D.M. Talmon
Fully refined and hydrogenated oil, margarine, shortening and cooking/salad oil. Served by truck and barge.

SPEELMAN'S OLIEFABRIEKEN B.V. (P)*
Delftweg 100, Postbus 10086, 3004 AB,
Rotterdam, Ph. 373011; TLX: 21264.
CONTACT PERSON: P. Van Der Wiel
Solvent cap. 650T/day.

UNIMILLS B.V. (P SF IP)
Lindtsedijk 8, 3336 LE Zwijndrecht,
Ph. 125144; TLX: 29031.
CONTACT PERSON: M.H. Van Mens, Mgr.
Solvent cap. 3,600T/day; storage cap. 19,500T; UNIMILLS soy meal, complete product range of lecithin for edible, technical and animal applications, soy protein concentrates. Served by lighters, barges and lorries.

NORWAY

A/S DE-NO-FA OG LILLEBORG FABRIKER (P R IP)*
Sandakerveien 56, Oslo, Ph. 22-00-50;
TLX: 71181; Plant at: Fredrikstad.
CONTACT PERSON: Odd Bjornstad, Dept. Dir.
Lurgi solvent cap. 900T/day; approx. soybean operations 250,000T/year; storage cap. 35,000MT; soy meal, crude, crude degummed, fully refined and hydrogenated oils. Served by truck and ship.

RYTTERVIK FABRIKER (P R)*
Jens Hetland, Egersund, Ph. 491581;
TLX: 33094.
CONTACT PERSON: Jonas Hetland, Plant Mgr.
Solvent cap. 400T/day; storage cap. 900,000 bu.; soy meal, crude and refined soy oil.

OMAN

AREEJ VEGETABLE OILS & DERIVATIVES LLC (R)
P.B. 6063, Ruwi, Ph. 703422;
TLX: MB 3230 (LUJAINA)
CONTACT PERSON: Vikram Singh Tyagi, Comm. Mgr.
Fully refined and hydrogenated oil, cooking/salad oil. Served by truck and ship.

PERU

COMPANIA OLEAGINOSA DEL PERU S.A. (P R SF IP)*
Casilla 2965, Lima 100, Ph. 52-5570;
TLX: 036-25418 (PE FABRIL)
Plants at: Av. Argentina, N° 5027, Callao and Sullana, Piura.
CONTACT PERSON: Augusto Echecopar, Mgr. Dir.
4 exp./screw press cap. 220T/day; DeSmet solvent cap. 200T/day; storage cap. 20,000T; approx. soybean operations 15,000T/year; salad oils, shortening, margarine and raw material for mixed feeds. Served by truck.

SINDI S.A. (P R SF IP)*
Av. Central 643-10° Piso, San Isidro 11239,
Lima 14, Ph. 415283; TLX: 21187 (PE SINDI);
Plant at: Amazonas S/N Piura.

CONTACT PERSON: Cristobal Rosas Zorilla, Gen. Mgr.
2 exp./screw press cap. 25T/day; solvent cap. 40T/day; storage cap. 5,700T; crude, once refined, fully refined, hydrogenated and fractionated oil, shortening, cooking/salad oil and industrial products. Served by truck.

PHILIPPINES

UNIVERSAL ROBINA CORPORATION (P R SF IP)*
E. Rodriguez Ave., Bagong Ilog, Pasig, Metro Manila, Ph. 602259; TLX: 3828 (CFCURC PN).
CONTACT PERSON: Henry L. Go, Sr. VP
Solvent hexane cap. 120T-150T/day; storage cap. 16,000MT; STARFEEDS 555 mixed feeds, pellets, meal; crude, crude degummed, once refined and fully refined oil; cooking/salad oil; industrial products. Served by truck.

PORTUGAL

IBEROL
SOC. IBERICA DE OLEAGINOSAS SARL (P R)
Av. Frei Miguel Contreiras, 54-A-3°,
P.O. Box 5109, 1702 Lisbon Codex,
Ph. 888176; TLX: 12422 (IBEROL);
Plant at: Alhandra, Ph. 2501921.
CONTACT PERSON: Mario B. Pimentel, Mgr.
DeSmet solvent; IBEROL 44% and 50% soy meal and soy oil. Served by rail.

TAGOL, COMPANHIA DE OLEAGINOSAS DO TEJO SARL (P)*
Av. Republica 44-7°, 1000 Lisbon, Ph. 767521;
TLX: 14187 (TAGOL P);
Plant at: Palenca de Baixo-Almada, Ph. 767521.
CONTACT PERSON: Manuel Mourao, Dir.
Solvent cap. 2,000MT/day; storage cap. 60,000MT; TAGOL soy meal, crude degummed oil, mixed feeds. Served by truck, barge and ship.

SCOTLAND

FOODS & FEEDS U.K. LTD. (P)*
King George V. Dock, Shieldhall, Glasgow,
Ph. 445 3864 or 445 4517;
TLX: 776174 (FDSFDS G).
CONTACT PERSON: B.P. Agrawalla, Exec. Dir.
Solvent cap. 500T/day; continuous press cap. 650T/day; storage cap. 39,000T; soy meal, pellets, crude and crude degummed oil. Served by truck, rail, barge and ship.

SPAIN

ACEITERIAS REUNIDAS DE LEVANTE S.A. (ARLESA) (P R SF IP)*
Castell de Pop, 33 Nazaret, Valencia 11,
Ph. 23-12-78; Main office: Paseo de la Castellana, 143, Madrid 16, Ph. 2796300.
CONTACT PERSON: Jan Van Kesteren
DeSmet solvent cap. 765T/day; storage cap. 924,000 bu.; soy meal, crude, crude degummed, once refined and fully refined soy oil; lecithin and cooking/salad oil. Served by truck, rail and ship.

ACEITES Y PROTEINAS S.A. (ACEPROSA) (P R SF IP)*
Repelega, Portugalete, Vizcaya,
Ph. 425-4500; TLX: 32753.
CONTACT PERSON: Fernando De Diego, Plant Mgr.
Press cap. 400T/day; hexane solvent cap. 2,000T/day; refinery cap. 250T; storage cap. 60,000MT; ACEPROSA soy meal, soy flour, ACEPROSA lecithin, crude degummed and fully refined oil. Served by truck and rail.

ARLESA-EXISA (P R SF)
Carretera del Copero SN Punta del Verde, Sevilla,
Ph. 61-02-00; TLX: 27784.
Solvent cap. 400T/day; storage cap. 590,000 bu.; soy meal and soy oil. Served by truck and ship.

ARLESA-EXTRASUR (P SF)
Carretera del Copero SN Punta del Verde,
Sevilla, Ph. 69-04-58; TLX: 27784.
Krupp solvent cap. 350T/day; storage cap. 300,000 bu.; soy flour. Served by truck and ship.

COMPANIA INDUSTRIAL Y DE ABASTECIMIENTOS S.A. (CINDASA) (P R SF)*
Affiliate of Cargill Inc.
Minneapolis, MN, USA
Avda. de los Madronos, No. 31, Madrid 33;
TLX: 44374 (CINDOE); Plants at: Muelle Transversal-Tarragona and Muelle Alvarez de la Campa-Barcelona.
CONTACT PERSON: Javier Losantos, Undergen. Mgr.
Crushing cap. 3,000MT/day; storage cap. 3,000,000 bu.; crude, crude degummed and fully refined edible soy meal and oil, cooking/salad oil. Served by truck, rail and ship.

KELSA S.A. (P SF)
El Burgo, La Coruna, Ph. 66.11.50; TLX: 82142.
CONTACT PERSON: Ramon Pitarque Gorospe, Plant Mgr.
Cap. 1,100T/day; refinery cap. 150MT/day; storage cap. 1,500,000 bu.; soy meal, lecithin, crude and refined soy oil. Served by rail.

OLEAGINOSAS ESPANOLAS S.A. (OESA) (P)
Nunez de Balboa, 108, Madrid-6,
Ph. (91) 411-46-13; TLX: 45302 (OLEAE).
CONTACT PERSON: Jose Urbelz, Mgr.
Solvent cap. 2,500MT/day; storage cap. 40,000MT; soy meal, pellets, lecithin and crude degummed oil. Served by truck, rail and ship.

SOCIEDAD IBERICA DE MOLTURACION S.A. (SIMSA) (P R IP)*
Plaza de Chamberi 8-7°, Madrid 10,
Ph. 4353400; TLX: 27216 (SIMSA);
Plant at: Pontejos, Santander, Ph. 502211;
TLX: 35860.

CONTACT PERSON: Alfredo Gonzalez Diez, VP
Solvent cap. 240T/day; cont. press cap. 2,000T/day; storage cap. 2,000,000 bu.; soy meal; crude, crude degummed, once refined and fully refined oil. Served by truck, rail and ship.

SWEDEN

MARGARINBOLAGET AB (R SF)*
Box 30025, S-104 25 Stockholm,
Ph. 541360; TLX: 19571 (MARG S);
CABLE: MARGARIN STOCKHOLM.
CONTACT PERSON: Lars Edstrom, Chief Buyer
Fully refined oil, margarine. Served by truck and ship.

SWITZERLAND

FLORIN LTD. OIL & FATWORKS (P)*
Hofackerstrasse 54, CH-4132 Muttenz,
Ph. 610101; TLX: 62436; Plant at: Basel.
CONTACT PERSON: R. Florin
Exp. cap. 80T/day; storage cap. 2,000T; FLORIN soy meal. Served by rail.

OLEIFICIO SABO (P R)*
P.O. Box 3327, 6901 Lugano, Ph. 234461,
TLX: 79453 (SABO CH).
CONTACT PERSON: Giancarlo Bordoni, Gen. Mgr.
Solvent cap. 50T/day; storage cap. 4,000MT; soy meal, pellets, crude, crude degummed, once refined and fully refined oil. Served by truck and rail.

SAIS (P R SF IP)*
Affiliate of Unilever NV Rotterdam
Forrlibuckstrasse 10, CH-8031 Zurich;
Ph. 444471, TLX: 822752 (SAIS ZH)
CONTACT PERSON: Walter H. Hefti, Chrmn.
Exp./solvent cap. 300T/day; storage cap. 800,000 bu.; soy meal, crude, once refined, fully refined, hydrogenated and fractionated oil; margarine and shortening. Served by rail.

TAIWAN

ALL SINCERE INDUSTRIAL CO. LTD. (ASIC) (P R SF)
38 Chung Shan Rd., Luchu, Kaohsiung, 821,
Ph. 064-862201; Office at: 11th Floor, 27,
Sec. 1, Changan E. Rd., P.O. Box 1851, Taipei,
Ph. 394-5147.
CONTACT PERSON: C.H. Tsai, Pres.
Exp. cap. 25T/day; solvent cap. 300T/day; storage cap. 40,000T; YUAN PAO feeds, soy meal, salad oil, corn oil and grits and canned foods.

CHIA FHA INDUSTRY CO. LTD. (P R SF IP)*
45 Sha-Tyan Rd., Sha Lu Taichung,
Ph. 046-362111; Plant at 98 Zih-chang Rd.,
Wu-chi (Kwan Lien Industrial District),
Taichung, Ph. 046-363611
CONTACT PERSON: Yau-Kuen Hung, Board Dir.
Solvent cap. 120T/day; continuous press cap. 680T/day; storage cap. 31,000T; FUSHOU soy meal, cake, mixed feeds, crude, crude degummed, once refined and fully refined soy oils, salad oil. Served by truck and ship.

CHIA HSIN FLOUR, FEED & VEG. OIL CORP. (P R SF)
1-Teh Li, Peitou, Taipei, Ph. 8912253;
Office at: 6th Floor, 219 Sec. 4, Chunghsiao E.
Road, Ph. 7525320.
CONTACT PERSON: S.C. Wang, VP
Solvent cap. 300MT/day; storage cap. 50,000MT; CHIA HSIN soy meal, mixed feeds and pellets, salad oil, wheat flour milling. Served by rail.

CHUAN YUAN OIL MILL CO. LTD. (P R SF)
117 Hweilai St., Yuanlin, Chang Hwa,
Yanlin 510, Ph. 048-323464.
CONTACT PERSON: S.F. Liang, Oil & Meal Sales Mgr.
Solvent cap. 450T/day; storage cap. 7,000T; YUAN CHUAN soy meal, mayonnaise, refined soy oil, cooking/salad oil and mixed feeds; approx. soybean operations 96%.

EAGLE FOOD INDUSTRY CORP. (P R SF)*
427 Chen Kong Rd., Shanhua, Tainan Hsien,
Shanhua 741, Ph. 064-838201;
Main Office at: 12th Floor, 310 Sec. 4,
Chung Hsiao E. Rd., Taipei, Ph. 7811161-69.
CONTACT PERSON: I.C. Soo, VP
Solvent cap. 350T/day; storage cap. 20,000MT; soy meal, once refined and fully refined soy oil, cooking/salad oil. Served by truck and rail.

GREAT WALL ENTERPRISES CO. LTD. (P R SF)
Tainan, Yungkang 711, Ph. 062-531111-0;
Office at: 8th Floor, 310 Sec. 4,
Chung Hsiao E. Rd., Taipei, Ph. 7315761-5.
CONTACT PERSON: Y.C. Lin, R&D Mgr.
Solvent ext. cap. 300T/day; storage cap. 15,000MT; FONG NANG soy meal, FU-NONG mixed and pellet feeds, crude and fully refined soy oil, cooking/salad oil, lecithin, wheat flours, chinese noodles. Served by truck and rail.

HSIAOKANG SUGAR MILLS TSC (P R SF)
133 Hsiaokang Rd., Kaohsiung 800,
Ph. 07-8214160; Office at: 25 Paoching Rd.,
Taipei, Ph. 3110521.
CONTACT PERSON: S.N. Wu, Plant Mgr.
Solvent cap. 340T/day; storage cap. 22,000T; CAHHO soy meal, fully refined and hydrogenated oils, and cooking/salad oil. Served by truck.

HUIE SHENG OIL MILL CO. LTD. (P R SF)
618 Fwanchiu Rd., Kaohsiung, Luchu 821,
Ph. 064-863-311; Office at: 5F, 21 Sec.1,
Changan E. Rd., Taipei, Ph. 581-1515.
CONTACT PERSON: S.C. Wang, Plant Mgr.
Solvent cap. 300T/day; storage cap. 18,000T; SHENG-LI soy meal and oil, salad oil, commercial lecithin and mixed feeds. Served by rail.

PRESIDENT ENTERPRISES
CORP. (P R SF IP)*
301, Chung-Cheng Rd., Yan Harng, Yangkang,
Tainan, Yungkang 711, Ph. 532121;
Main Office at: 5th Floor, 66-1 Sec. 1,
Chungking S. Rd., Taipei, Ph. 3317571.
CONTACT PERSON: S.L. Wu, Mgr.
Solvent cap. 350MT/day; cont. press cap. 10T/day; storage cap. 45,000T; soy oil and meal, pellets and mixed feeds, crude, crude degummed, once refined, fully refined and hydrogenated oil, commercial lecithin, shortening, margarines, salad oil, soy sauce, soy milk, other soyfoods. Served by truck and ship.

TAI HWA OIL
INDUSTRIAL CO. LTD. (P R SF)
235 Minchu 1st Rd., San-Ming District,
Kaohsiung 800, Ph. 3823366;
Office at: 37 Lane 67, Linsheng N. Rd., Taipei,
Ph. 5110121.
CONTACT PERSON: Y.P. Chen, Plant Mgr.
Solvent cap. 200MT/day; storage cap. 20,000MT; CHING-LU soy meal, fully refined oil, cooking/salad oil and safflower oil.

TAY SHAN
ENTERPRISE CO. LTD. (P R SF)*
No. 501, Sec. 2, Fuchiung Rd., Yuanlin,
Chang Hwa, Ph. 322122; Plant at: Tienchung;
Main Office at: 14th Floor, 178 Sec. 2,
Nanking E. Rd., Taipei, Ph. 5214152.
CONTACT PERSON: J.T. Chan, CEO
Solvent cap. 650T/day; storage cap. 15,000T; TAY SHAN soy meal, mixed feeds; salad oil. Served by truck.

THAILAND

INDUSTRIAL ENTERPRISES
CO. LTD. (P R SF IP)
179 Surawongse Rd., Bangkok, Ph. 2354855-9;
Plant at: 39-6 Tivanon Rd., Pak Kret,
Nonthaburi, Ph. 5884147.
CONTACT PERSON: Viraj Sasivongbhakdi, Dep. Mgr. Dir.
Solvent cap. 600T/day; storage cap. 60,000T; pellets, soy meal, crude, crude degummed and fully refined oils, cooking/salad oil, soaps. Served by truck, barge and ship.

NAKORNCHAISRI OIL
INDUSTRIAL CO. LTD. (P R SF IP)*
829-835 Opp. Talad Plu Railway Station,
Dhonburi, Bangkok, 10600,
Ph.465-0659, 466-0529, 466-1014 or 472-1197.
CONTACT PERSON: Vichit Vitayathanagorn, Mgr. Dir.
Solvent cap. 150T/day; storage cap. 12,000MT-15,000MT; soy meal, crude, crude degummed, once refined and fully refined oils, cooking/salad oil. Served by truck and barge.

THANAKORN VEGETABLE OIL
PRODUCTS CO. LTD. (P)
P.O. Box 13-5, Phra Pradaeng, Bangkok 13,
Ph. 462-5905; Plant at 99 Soi Thanakorn,
Phra Samut Jedi Rd., Samut Prakarn.
CONTACT PERSON: Vibul Sarakitpricha, Pres.
Solvent cap. 400T/day; storage cap. 60,000T; pellets; approx. soybean operation 120,000T/year.

TURKEY

SUMERBANK ORDU SOYA
SANAYII MUESSESESI (P R SF IP)
Affiliate of Sumerbank, Ordu
Ph. 1420; TLX: 82168 (SUSO TR).
CONTACT PERSON: Zafer Albayrak, Plant Supt.
Solvent cap. 8T/day; storage cap. 10,000T; soy meal, crude oil, cooking/salad oil, soy flour and raw lecithin.

UNITED ARAB EMIRATES

UNITED FOODS LTD. (R SF IP)*
Al-Owais Building, 104 Flat, Naser Square,
P.O. Box 5503, Deira, Dubai, Ph. 223214/5/6;
TLX: 46689 (VEGOIL EM).
CONTACT PERSON: M.H.U. Jung, Gen. Mgr.
Crude degummed oil, shortening, cooking/salad oil. Served by truck.

VENEZUELA

EXTRACTORA NACIONAL
DE OLEAGINOSAS S.A.
(ENDOSA) (P R SF IP)
Protinal CA, P.O. Box 83, Valencia, Ph. 34 20 11;
Plant at: El Morro, Valencia.
CONTACT PERSON: Omar Hernandez
Solvent cap. 180T/day; storage cap. 420,000 bu.; PROTINAL soy meal, mixed feeds, soy flour, crude, once refined and fully refined oils, industrial lecithin, industrial soy flour, industrial soy oil; approx. soybean operations 45,000T/year. Served by truck.

C.A. FACEGRA (P R SF)*
Av. Navas Spinola, c/c Farriar-Apdo. No. 1,
Valencia, Carabobo, Ph. 711127 or 714870;
TLX: 41171.
CONTACT PERSON: Saul Hernandez Yanez, Gen. Plant Mgr.
Solvent cap. 170T/day; storage cap. 20,000MT; crude, crude degummed, once refined, fully refined and hydrogenated oils; cooking/salad oil. Served by truck.

C.A. GRASAS DE VALENCIA (R SF IP)*
Av. Henry Ford, Zona Industrial Sur., Valencia,
Ph. 332022; TLX: 41352.
CONTACT PERSON: Josu Urresti
Solvent cap. 250T/day; crude degummed, once refined, fully refined and hydrogenated oil; margarine, shortening, cooking/salad oil, soaps. Served by truck.

Soyfoods Manufacturers

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BREAKFAST FOODS, DESSERTS & SNACKS

UNITED STATES

BEST FOODS DIV.*
CPC International Inc.
International Plaza, Englewood Cliffs, NJ 07632,
Ph. 201-894-4000; Plants at: San Francisco and Santa Fe Springs, CA; Chicago, IL; Bayonne, NJ.
Frozen desserts.

MRS. CHENG'S SOYBEAN PRODUCT INC.
1829 E. Palolo Ave., Honolulu, HI 96816,
Ph. 808-737-5751.
CONTACT PERSON: Hui Chen Cheng, Pres.
MRS. CHENG'S breakfast foods, desserts and snacks.

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg., Cleveland, OH 44115,
Ph. 216-344-8000;
Refineries at: Chicago and Joliet, IL.
CONTACT PERSON: Leonard S. Milazzo, VP Mfg./Eng.
KAOLA, WHITE CREST and POLYPLUS D frozen desserts.

FEARN NATURAL FOODS*
Div. of Richard Foods Corp.
4520 James Pl., Melrose Park, IL 60160,
Ph. 312-345-2335.
CONTACT PERSON: Mike Hyman, Natl. Sales Mgr.
FEARN'S hot cereals.

GLOBAL NUTRAMEAL, INC.*
R.R., Box 6122, Spirit Lake, IA 51360,
Ph. 712-337-3376.
CONTACT PERSON: Kirk Strauss, Pres.
NUTRAMEAL nutritional food.

INARI, LTD.
2331 Forest Rd., Lansing, MI 48910,
Ph. 517-882-3323; TLX: 229440 (MICH AGRI LSG).
CONTACT PERSON: Leonard Stuttman, Pres.
SUPER SOYNUTS (roasted), SUPER SOY-PRIZES (candied soynuts).

NABISCO FOODS INC.
East Hanover, NJ 07936, Ph. 201-884-0500.
Cookies, crackers and snacks.

NORTH AMERICAN LABORATORY CO., INC.*
1717 W. 10th St., Indianapolis, IN 46222,
Ph. 317-635-9500; TLX: 276222 WU Pubtlx Ind
CONTACT PERSON: Kamal Hyder, Dir. Mktg.
Artificial bacon bits.

QUONG HOP & CO.*
161 Beacon St., South San Francisco, CA 94080,
Ph. 415-761-2022
CONTACT PERSON: Jim Miller, Dir., Mktg & Sales
NEW LEAF soyfoods.

TOFU-TIME INC.*
1640 63rd St., Brooklyn, NY 11204,
Ph. 212-232-1031. Other Plants: West Caldwell and Long Valley, NJ.
CONTACT PERSON: Richard Alberti, Exec. VP
Breakfast foods, desserts and snacks.

WORTHINGTON FOODS, INC.*
900 Proprietors Rd., Worthington, OH 43085,
Ph. 614-885-9511.
CONTACT PERSON: Frank Poston, Mktg. Dir.

WY KY INC.*
235-237 San Fernando Rd.,
Los Angeles, CA 90031, Ph. 213-222-0799.
CONTACT PERSON: William Lee, Pres.
WY KY breakfast foods, desserts and snacks.

BRAZIL

MINASA*
Caixa Postal 1101, Campinas, S.P. 13.100,
Ph. 42-1966; TLX: 019-1043 (MINA BR);
CONTACT PERSON: John B. Sieh, Gen. Mgr.
Breakfast foods, desserts and snacks.

CHILE

ALIMENTOS PROTEICOS LTDA.*
Los Tres Antonios 36 - Nunoa, Santiago,
Ph. 2252503-42918.
CONTACT PERSON: Ruperto Cabello, Mgr.
Breakfast foods.

INDUSTRIAS PRODUCTOS ALIMENTICIOS S.A.
Sta. Elena 1970, Santiago, Ph. 569029.
CONTACT PERSON: Juan A.R. Gormaz, Gen. Mgr.
IPAL breakfast foods, desserts and snacks.

ECUADOR

PRIMEROS HIDROGENADOS de ACEITES Y GRASAS ECUATORIANAS S.A. (PHIDAYGESA)*
Km. 16½, Via a Daule, Guayaquil, Ph. 351555;
TLX: 04-3506 (PHIDAY).
CONTACT PERSON: Emilio Baquerizo V., Pres.
UNICA, BRILLANTE, ASTRA, ESPECIAL breakfast foods, desserts, snacks.

FEDERAL REPUBLIC OF GERMANY

EDELSOYA GmbH*
Ausschlager Elbdeich 62, Hamburg 28,
Ph. 781710; TLX: 2163220 (MYR D)
CONTACT PERSON: Karl-Otto Tielker, Sls. Mgr.
NURUPAN flakes.

INDIA

JINDAL SOLVENT EXTRACTIONS*
Kashipur-244713, Ph. 270 and 292.
CONTACT PERSON: Devendra Kumar Agrawal
Breakfast foods, desserts and snacks.

PRESTIGE FOODS PVT. LTD.*
30, Jaora Compound, M.Y.H. Road,
Indore 452001, M.P., Ph. 4633, 21725 or 34014; TLX: 0735 205 (PFM IN); Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
PRESTIGE breakfast foods, desserts and snacks.

ITALY

LUCAS MEYER S.R.L.
Via Venezia 34, Vigonza (PD), 35010,
Ph. 629011; TLX: 430145 (GIPA I).
CONTACT PERSON: Axel Skulte, Pres.
Breakfast foods, desserts and snacks.

MEXICO

ALIMENTOS COLPAC*
Km. 13 Carratera Huatabampo, Apartado No. 502,
Navojoa, Sonora, CP8500, Ph. 24130.
CONTACT PERSON: Filiberto Verduzco Avila, Gen. Mgr.
TRISOY cereal.

FABRICA DE ACEITES LA CENTRAL S.A.*
Industrias Gonzales, Escobedo Sur No. 740,
Guadalajara, Jalisco, Ph. 350046; TLX: 0681763.
CONTACT PERSON: Daniel Sada A., Mgr.

INDUSTRIAL DE ALIMENTOS S.A.*
Poniente 146 No. 789, Col. Industrial Vallejo,
Deleg. Azcapotzalco, 02300, D.F.,
Ph. 5674022 or 5679475.
CONTACT PERSON: Felipe Suberbie, Gen. Mgr.
Breakfast foods.

PRODUCTOS ALIMENTICIOS DELICIAS S.A.*
Apartado Postal 376, Zona Industrial Oriente,
Cd. Delicias, Chih., Ph. 23093
CONTACT PERSON: Joaquin Ponce Aguirre, Gen. Mgr.
Peanut-Soy-Sugar snack.

PHILIPPINES

UNIVERSAL ROBINA CORPORATION*
E. Rodriguez Ave., Bagong Ilog, Pasig, Metro Manila, Ph. 602259; TLX: 3828 (CFCURC PN).
CONTACT PERSON: Henry L. Go, Sr. VP
Breakfast foods, desserts and snacks.

SOUTH AFRICA

BROOKE BOND OXO (PTY.) LTD.*
159 Watt Rd., Pretoria 0002,
Ph. 797050; TLX: 3-0647.
CONTACT PERSON: F.W. Lehmann, PD & QA Controller
Breakfast foods, desserts and snacks.

LECITHIN

UNITED STATES

AMERICAN LECITHIN CO. INC.*
32-34 61st St., Woodside, L.I., NY 11377,
Ph. 212-274-4350; TLX: 26318.
CONTACT PERSON: M. Gillio, Exec. VP
Soybean lecithins and derivatives, lecithinated flours, and dietary supplements.

ARCHER DANIELS MIDLAND CO.*
4666 Faries Pkwy., Decatur, IL 62526,
Ph. 800-637-5850.
CONTACT PERSON: Lynn Adolphson
Lecithin products for edible and industrial trade.

CENTRAL SOYA*
1300 Fort Wayne National Bank Bldg.,
P.O. Box 1400, Fort Wayne IN 46801-1400,
Ph. 219-425-5181; TLX: 276170 (CEN SOYA FWA A).
CONTACT PERSON: Willis Clark, VP
CENTROL, ACTIFLO, CENTROPHIL, CENTROLENE, CENTROLEX, CENTROMIX, CENTROPHASE, CENTROCAP, and RG lecithin products for the edible, industrial and pharmaceutical fields. Natural, modified and oil-free lecithin.

W.A. CLEARY CORPORATION
1049 Somerset St., Somerset, NJ 08873,
Ph. 201-247-8000.
CONTACT PERSON: Margaret A. Cleary
Purified, crude and water soluble soy lecithin.

FEARN NATURAL FOODS*
Div. of Richard Foods Corp.
4520 James Pl., Melrose Park, IL 60160,
Ph. 312-345-2335.
CONTACT PERSON: Mike Hyman, Natl. Sales Mgr.
FEARN'S liquid and mint flavor liquid lecithin.

FOOD TECHNOLOGY PRODUCTS*
5903 Northwest Hwy., Chicago, IL 60631,
Ph. 312-631-4545.
CONTACT PERSON: Gloria Anderson, S. Mgr.
Hydroxylated lecithin for baked, dairy and confectionery foods. Research and development.

HONEYMEAD PRODUCTS CO.*
Mankato, MN 56002, Ph. 507-345-2251.
CONTACT PERSON: Dave Schostag & Joel Bartleson
Fluid grades of lecithin.

LEEDS LABORATORIES LTD.
1643 E. Genesee St., P.O. Box 6048,
Syracuse, NY 13217, Ph. 315-475-1671.
CONTACT PERSON: Peter H. Mylon, VP
Lecithin granules and capsules.

LUCAS MEYER INC.*
765 E. Pythian Ave., Decatur, IL 62526,
Ph. 217-875-3660; TLX: 404387.
CONTACT PERSON: Matthew J. Andrick, Prod. Mgr.
Soy lecithin in standard, modified and deoiled grades for food, dairy, industrial and pharmaceutical applications.

RICELAND FOODS*
Soy Specialties Div.
650 S. Shackleford Rd., Little Rock, AR 72211,
Ph. 501-225-0936; Main office: Stuttgart, AR
Cable: ARKANGO; TWX: 910-720-6240;
TLX: 536464
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Santo Pipo, Misiones 3326, Ph. 17;
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CONTACT PERSON: Alberto Vazquez, Engr.
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CONTACT PERSON: K. Eckert, Plant Mgr.
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INDUSTRIA GAUCHA DE FARELOS E OLEOS S.A. (FAROL)*
Avenida Borges de Medeiros 659-12th Flr.,
Porto Alegre, 90000, Ph. 337988; TLX: 51-1732 (STEF BR); Other plants: Estrela, RGS; Feliz, RGS; Sapucaia Do Sul, RGS; Ituiutaba, MG.
CONTACT PERSON: Stefan Wenzel, Export Dir.
Lecithin.

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GRASAS S.A.*
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C. THYWISSEN*
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Rein, Ph. 26041; TLX: 08517803.
CONTACT PERSON: Josef Richter, Plant Mgr.
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CONTACT PERSON: P. Karri, Mktg. Dir.
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SOCIETE INDUSTRIELLE DES OLEAGINEUX: SIO
Direction Proteines, Groupe Lesieur, 122 Av. du
General De Gaulle, Boulogne-Billancourt, 92103,
Ph. 604 30 32; TLX: 260917 (SOLEAG).
CONTACT PERSON: Guy Deneck, Proteins Dir.
Lecithin.

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SOCIETE D'EXPLOITATION D'OLEAGINEUX (SODEXOL)*
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Delmas, Port au Prince, Ph. 20444, 24582, 24589;
TLX: 2030438 (SODEXOL)
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CONTACT PERSON: Axel Skulte, Pres.
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Ph. 23-12-78, Main office: Paseo de la Castellana 143, Madrid 16, Ph. 2796300.
CONTACT PERSON: Jan Van Kesteren
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CONTACT PERSON: Juan Leguina, Sls. Mgr.
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KELSA S.A.
El Burgo, La Coruna, Ph. 661150; TLX: 82142.
CONTACT PERSON: Ramon Pitarque Gorospe, Plant Mgr.
Lecithin.

OLEAGINOSAS ESPANOLAS S.A.
Nunez de Balboa, 108, Madrid-6,
Ph. 441 4613; TLX: 45302/46918 (OLEA E);
Other location: Barcelona.
CONTACT PERSON: Jose Urbelz, Gen. Mgr.
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CONTACT PERSON: S. C. Yang, Plant Mgr.
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HUIE SHENG OIL MILL CO. LTD.
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CONTACT PERSON: Guy Deneck, Proteins Dir.

INDIA

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1829 E. Palolo Ave., Honolulu, HI 96816,
Ph. 808-737-5751.
CONTACT PERSON: Hui Chen Cheng, Pres.
MRS. CHENG'S soy beverages.

COCA-COLA CO.*
P.O. Drawer 1734, Atlanta, GA 30301,
Ph. 404-676-2121.
CONTACT PERSON: D.S. Bhatia, Dir. R&D
Soy milk beverages for Hong Kong (HI-C SOYABEAN MILK), whey beverages for Mexico (SANSON).

DAIRYLAND PRODUCTS INC.*
5345 W. 125th St., Savage, MN 55378,
Ph. 612-890-5305.
CONTACT PERSON: Thomas C. Sando, Pres.
MELOBEV.

FEARN NATURAL FOODS*
Div. of Richard Foods Corp.
4520 James Pl., Melrose Park, IL 60160,
Ph. 312-345-2335.
CONTACT PERSON: Mike Hyman, Natl. Sales Mgr.
FEARN's powdered soy milk.

GLOBAL NUTRAMEAL, INC.*
R.R., Box 6122, Spirit Lake, IA 51360,
Ph. 712-337-3376.
CONTACT PERSON: Kirk Stauss, Pres.
NUTRAMEAL nutritional food.

LOMA LINDA FOODS*
P.O. Box 388, Mt. Vernon, OH 43050;
Main office: 11503 Pierce St., Riverside, CA,
Ph. 714-687-7800.
CONTACT PERSON: Oliver Miller, VP R&D
Powdered and liquid soy milk in five varieties.

MANDALAY FOOD PRODUCTS INC.
450 Broome St., New York, NY 10013;
Ph. 212-966-0338.
CONTACT PERSON: John Tun, Mgr.
Soy beverages.

MIGHTY SOY, INC.*
2805 E. Washington Blvd.,
Los Angeles, CA 90023, Ph. 213-266-6969.
CONTACT PERSON: Maung Myint, Pres.
MIGHTY SOY soy beverage.

MSI

EXPORTING QUALITY SOYBEANS AND WAXY CORN ASK FOR "MSI QUALITY"

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MANAGER

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Ph. 615-643-7506.
CONTACT PERSON: Harry Miller
Soy milk.

NOMURA TOFU CO., INC.
2904 W. Fullerton, Chicago, IL 60647,
Ph. 312-486-7224/5.
CONTACT PERSON: William Woo, Pres.
NOMURA soy beverage.

QUONG HOP & CO.*
161 Beacon St., South San Francisco, CA 94080,
Ph. 415-761-2022.
CONTACT PERSON: Jim Miller, Dir., Mktg. & Sales
Bottled soy milk; CAROB, HONEY, ALMOND, PLAIN and SUGAR, SOY FRESH.

TOKYO FOOD PROCESSING CORP.*
40 Varick Ave., Brooklyn, NY 11237,
Ph. 212-456-8884.
CONTACT PERSON: Keiji Shirata, VP
WEL PAC soy beverage.

WORTHINGTON FOODS, INC.*
900 Proprietors Rd., Worthington, OH 43085,
Ph. 614-885-9511.
CONTACT PERSON: Frank Poston, Mktg. Dir
SOYAMEL powdered soy milk.

WY KY INC.*
235-237 San Fernando Rd.,
Los Angeles, CA 90031, Ph. 213-222-0779.
CONTACT PERSON: William Lee, Pres.
WY KY soy beverage.

AUSTRALIA

SANITARIUM HEALTH FOOD CO.*
148 Fox Valley Rd., Wahroonga N.S.W. 2076,
Ph. 487-1711, TLX: 22064.
CONTACT PERSON: R.L. Rogers, Prod. Dir.
Soya milk, liquids.

BRAZIL

OLVEBRA S.A.-INDUSTRIA E COMERCIO DE OLEOS VEGETAIS*
Praca Osvaldo Cruz, 15-16° andar, Porto Alegre,
RS, Ph. 21-2200; TLX: 1225 (OLVE BR).
CONTACT PERSON: Hans Hajo Grun, Comm. Dir.
Hydrosoluble soybean extract as powder soy milk, NOVOMILK.

CANADA

COUNTRY COTTAGE FOODS*
R.R. 1, Ohaton, Alberta TOB 3PO,
Ph. 403-672-6382.
CONTACT PERSON: Mabel Pointkoski
Soy milk.

ENGLAND

THE BRITISH ARKADY CO. LTD.*
Old Trafford, Manchester M16 ONJ,
Ph. 872-7161; TLX: 668488.
CONTACT PERSON: J.R. Mahlich, Mgr. Dir.
Soy beverages.

INDIA

THE TATA OIL MILLS CO. LTD.*
Bombay House, Homi Mody Street,
Bombay 400-023, Ph. 259131 or 258453;
TLX: 0112618 (TATA IND) or
0114880 (TOMCO IN)
CONTACT PERSON: M.C. Badami, Mgr. Protein Foods
PROMIL infant food powder.

JAPAN

FUJI OIL CO. LTD.*
Nissei Midosuji Hachimancho Bldg.,
6-1 Hachimancho, Minami-ku, Osaka 542,
Ph. 213-8151.
CONTACT PERSON: Takamichi Akagi, Dir. Sls.
Soy beverages.

MEIJI MILK PRODUCTS CO., LTD.*
2-3-6, Kyobashi, Chuo-ku, Tokyo 104,
Ph. 274-5198; TLX: 2222404 (MEINYU J).
CONTACT PERSON: Takao Watanabe, Dev. Plng.
SUNGROW soy beverage.

THE NISSHIN OIL MILLS, LTD.*
23-1, 1 Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
NISSHIN soy milk.

KOREA

DR. CHUNG'S FOODS COMPANY*
Insong Bldg. 18A, 194-15, 1-Ka, Hoehyun-Dong,
Choong-Ku, Seoul, Ph. 777-7421;
Other locations: Yong In-kun and Chung Ju.
CONTACT PERSON: Chung Sung Soo, VP
VEGEMIL soy milk.

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Ph. 633-3921; TLX: K27334 (DBCORP).
CONTACT PERSON: Myoungsoo Shin, Pres.
GREEN MILK soy beverage and GREEN MILK soy ice cream ingredient.

MALAYSIA

ACE CANNING CORP. SDN BHD*
P.O. Box 8, Jalan 205, Petaling Jaya, Selangor,
Ph. 572755; TLX: MA 37671 (LAMVEG).
CONTACT PERSON: Lim Kwee Hiang, Mgr.
DRINHO soybean drink.

YEO HIAP SENG (Malaysia) BERHAD
7 Jalan Tandang, P.O. Box 229, Petaling Jaya, Selangor, Ph. 573733; TLX: 37544 (YHS MA).
CONTACT PERSON: Mrs. C.K. Lo, Purch. Mgr.
Soy beverage.

MEXICO

ALIMENTOS COLPAC*
Km. 13 Carratera Huatabampo, Apartado No. 502, Navojoa Sonora, CP85800, Ph. 24130.
CONTACT PERSON: Filiberto Verduzco Avila, Gen. Mgr.
SOYALAC soy beverage.

INDUSTRIAL DE ALIMENTOS S.A.*
Poniente 146 No. 789, Col. Industrial Vallejo, Deleg. Azcapotzalco, 02300 Mexico D.F., Ph. 5674022 or 5679475.
CONTACT PERSON: Felipe Suberbie, Mgr.
SOYATOLE and SOYAMALT soy beverages.

PRODUCTOS ALIMENTICIOS DELICIAS S.A.*
Apartado Postal 376, Zona Industrial Oriente, Cd. Delicias, Chih., Ph. 23093.
CONTACT PERSON: Joaquin Ponce Aguirre, Gen. Mgr.
SOYAVEN infant soy formula.

PHILIPPINES

UNIVERSAL ROBINA CORPORATION*
E. Rodriguez Ave., Bagong Ilog, Pasig, Metro Manila, Ph. 602259; TLX: 3828 (CFCURC PN).
CONTACT PERSON: Henry L. Go, Sr. VP
Soy beverages.

SINGAPORE

FRASER & NEAVE (Singapore) PTE LTD.
475 River Valley Rd., Singapore 1024,
Ph. 630222; TLX: 21687 (REDLION)
CONTACT PERSON: Kwok Kain Sze, R&D Mgr.
Soy beverage.

YEO HIAP SENG LTD.*
950 Dunearn Rd., Singapore 2158,
Ph. 4662266; TLX: 22143.
CONTACT PERSON: Joseph Yeo Export Mgr.
Soy beverage.

SWITZERLAND

SOJALADE*
Dorfplatz, Ottenbach 8913, Ph. 769-0349.
CONTACT PERSON: Gauthier W. Loeffler
SOJALADA soy milk.

TAIWAN

PRESIDENT ENTERPRISES CORP.*
301, Chung-cheng Rd., Yan Harng, Tainan Yungkang 711, Ph. 532121; Main office: Taipei, Ph. 331-7571.
CONTACT PERSON: H.M. Kao, Mgr.
PRESIDENT soy milk.

THAILAND

GREEN SPOT (Thailand) LTD.
79 Pattanakarn 3 Road, Bangkok,
Ph. 377-5088-91, 377-8584-5, 377-8574.
CONTACT PERSON: C.C. Cheung, Exec. Dir.
VITAMILK soy beverage.

SOY FLOUR, PROTEIN CONCENTRATES & ISOLATES

UNITED STATES

AG PROCESSING INC.*
P.O. Box 427, St. Joseph, MO 64502,
Ph. 816-233-6161. Main office: Omaha, NE
CONTACT PERSON: Bernard Meyer, Plant Mgr. or Doug Forsberg, Merch. Mgr.
Defatted soy flour and grits, full toast, light toast and untoasted. Mesh flour, coarse-medium-fine grits. Bulk and bagged.

ARCHER DANIELS MIDLAND CO.*
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Ph. 800-637-5850.
CONTACT PERSON: Thomas Atwood.
NUTRISOY edible soy flours and grits, ADM soybean brew flakes, soy protein concentrates, and soy protein isolates.

CARGILL INC.*
P.O. Box 2817, Cedar Rapids, IA 52406.
Ph. 319-399-4100; Main office: Minneapolis, MN
Soy flour, flakes and grits.

CENTRAL SOYA*
1300 Fort Wayne National Bank Bldg.,
P.O. Box 1400, Fort Wayne, IN 46801-1400,
Ph. 219-425-5508; TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Willis Clark, VP
Defatted, low-fat and lecithinated soy flours, flakes and grits. RESPONSE and CENTEX textured soy proteins, PROMOSOY, PROMOCAF and CENPRO 70 soy protein concentrates.

DAIRYLAND PRODUCTS INC.*
5345 W. 125th St., Savage, MN 55378,
Ph. 612-890-5305.
CONTACT PERSON: Thomas C. Sando, Pres.
MELOPRO soy flour, flakes and grits, soy protein blend.

FARMLAND AGRISERVICES, INC.
960 N. Halstead, P.O. Box 1667,
Hutchinson, KS 67501, Ph. 316-663-5711;
TWX: 910-740-1528.
CONTACT PERSON: Derek Park, Sales Mgr.
Soy flour, flakes and grits.

FEARN NATURAL FOODS*
Div. Richard Foods Corp.
4520 James Pl., Melrose Park, IL 60160,
Ph. 319-345-2335.
CONTACT PERSON: Mike Hyman, Natl. Sales Mgr.
Pure soy powder and soy grits. FEARN soy protein 91%.

GRAIN PROCESSING CORP.*
1600 Oregon St., Muscatine, IA 52761,
Ph. 319-264-4278; TLX: 468497.
CONTACT PERSON: Ralph Wilkinson, Food Prod. Sales Mgr.
High and low solubility isolates (90%) from soy flakes.

GRIFFITH LABORATORIES*
12200 S. Central Ave., Alsip, IL 60658,
Ph. 312-371-0900.
CONTACT PERSON: Wayne Pruiett, Mgr., Protein Products
GL-301 and PROMAX 70 soy protein concentrates.

HONEYMEAD PRODUCTS CO.*
Mankato, MN 56002, Ph. 507-345-2241.
CONTACT PERSON: Ed S[illegible]nska
Soy flakes; toasted, untoasted soy flour. Bulk and bagged.

LAUHOFF GRAIN CO.*
Div. of Bunge Corp.
Danville, IL 61832, Ph. 217-446-4700.
CONTACT PERSON: Larry Friend, Comm. Mgr.
Soy flour.

LUCAS MEYER INC.*
765 E. Pythian Ave., Decatur, IL 62526,
Ph. 217-875-3660; TLX: 404387.
CONTACT PERSON: Matthew J. Andrick, Prod. Mgr.
Full fat soyflour, flakes and grits.

NORTH AMERICAN LABORATORY CO., INC.*
1717 W. 10th St., Indianapolis, IN 46222,
Ph. 317-635-9500; TLX: 276222 WU Pubtlx Ind
CONTACT PERSON: Kamal Hyder, Dir. Mktg.
MENU MAGIC foods.

RALSTON PURINA CO.*
Checkerboard Square, St. Louis, MO 63164,
Ph. 314-982-1000, TLX: 447620 (RALSTON STL) or 447240 (RAL PRO STL).
CONTACT PERSON: J.V. Heinz, Dir. Sales
PURINA PROTEIN: 350, 610, 620, 630, 640T FORTIBLEND, 660, 710, 500E, 500 ST, 590, 510, 200, 220, HD90, 1500, 1710, 1711 for varied use in food products.

THE ROBERTSON CORP.
111 S. Walnut, P.O. Box 128, Seymour, IN 47274,
Ph. 812-522-4639; Plants at: Bedford and Brownstown, IN.
CONTACT PERSON: R. S. Robertson
Soy flour, flakes and grits.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382.
CONTACT PERSON: D.L. Camerer, Natl. Sls. Mgr., Protein Div.
PROCON 2000, 2060, STA-PRO 3000 and 3200, and textured PROCON soy protein concentrates.

AUSTRALIA

MEGGITT LIMITED
P.O. Box 199, Parramatta 2150 NSW,
Ph. 638 4466; TLX: AA70 851 (MEGCAM).
CONTACT PERSON: A.D. Rector, Chief Exec.
Soy flour, protein concentrates and isolates.

SOY PRODUCTS OF AUSTRALIA PTY. LTD.*
69 Power Rd., Bayswater, P.O. Box 66, 3153,
Victoria, Ph. 729-1738.
SOYVITA full-fat soy flour.

BOLIVIA

INDUSTRIAS DE ACEITE S.A.
P.O. Box 1759, Ballivian 262, Santa Cruz,
Ph. 47008-47700.
CONTACT PERSON: Felipe Campbell, Gen. Mgr.
Soy flour.

BRAZIL

INDUSTRIA GAUCHA DE FARELOS E OLEOS S.A. (FAROL)*
Avenida Borges de Medeiros 659-12th Flr.,
Porto Alegre, RGS, 90000, Ph. 337988;
TLX: 511732 (STEF BR);
Other plants: Estrela, RGS; Feliz, RGS; Sapucaia Do Sul, RGS; Ituiutaba, MG.
CONTACT PERSON: Stefan Wenzel, Export Director
Soy flour, protein concentrates and isolates.

CANADA

VICTORY SOYA MILLS LTD.*
Affiliate of Procter & Gamble Co., Cincinnati, OH, USA
333 Lake Shore Blvd. E.,
Toronto, Ont. M5A 1C2, Ph. 416-363-8771;
TLX: 06-219812; CABLE: VICTORY TOR.
CONTACT PERSON: B.S. Aitken, Gen. Mgr.
SOYWHITE defatted flour.

COLOMBIA

ACEITES Y GRASAS VEGETALES S.A. (ACEGRASAS)*
Aptdo. 12615, Carretera Del Sur 57-21, Bogota,
Ph. 383127; TLX: 41368.
CONTACT PERSON: Hernando A. Vergara V.
Soy flour.

LLOREDA GRASAS S.A.*
Autopista Cali-Yumbo Kilometro 3,
Ph. 682111; TLX: 055711 (LLOGR CO).
CONTACT PERSON: Guillermo Baron, Mgr.
PROTARINA and LLOREDA soy flours

DENMARK

AARHUS OLIEFABRIK A/S*
Bruunsgade 27, 8100 Aarhus C, Ph. 12-60-00.
CONTACT PERSON: Ole Kaae Hansen, Sls. Mgr.
DANPRO soy flour and protein concentrates.

ECUADOR

PRIMEROS HIDROGENADOS DE ACEITES Y GRASAS ECUATORIANAS S.A. (PHIDAYGESA)*
Km. 16½ Via a Daule, Guayaquil, Ph. 351555;
TLX: 043506.
CONTACT PERSON: Emilio Baquerizo V., Pres.
Soy flour.

ENGLAND

THE BRITISH ARKADY CO. LTD.*
Old Trafford, Manchester M16 ONJ,
Ph. 872-7161; TLX: 668488.
CONTACT PERSON: J.R. Mahlich, Mgr. Dir.
HISOY, DOSOY and ARKASOY soy flours.

BRITISH SOYA PRODUCTS LTD.*
Puckeridge, NR Ware, Hertfordshire,
Ph. 821291; TLX: 81352.
CONTACT PERSON: D.W. Hill, Sales Mgr.
TRUSOY, BREDSOY soy flours.

SOYA FOODS LTD.*
New Malden House 1, Blagdon Rd.,
New Malden Surrey KT3 4TB,
Ph. 949-2141; TLX: 896660.
CONTACT PERSON: R.J. Woodfield, Comm. Mgr.
SOYOLK, DIASOY full-fat soy flours.

FEDERAL REPUBLIC OF GERMANY

EDELSOYA GmbH*
Ausschlager Elbdeich 62, Hamburg 28,
Ph. 781701; TLX: 2163220 (MYR D)
CONTACT PERSON: Karl-Otto Tielker, Sls. Mgr.
NURUPAN and SOYAPAN soy flours, protein concentrates and isolates.

INTERFOOD DEUTSCHLAND GmbH*
Div. Interfood Luxemburg SAH,
Louisenstr. 115, 6380 Bad Homburg, 1,
Ph. 22046; TLX: 0415840.
CONTACT PERSON: Hans D. Kneer, Mgr. Dir.
PURINA PROTEIN soy flour, protein concentrates and isolates.

OELMUHLE HAMBURG AG*
P.O. Box 930-320, Kohlbrandstrasse 1,
D-2102 Hamburg 93, Ph. 751941; TLX: 163537.
CONTACT PERSON: A.V. Wissel, VP
Protein meals and flours.

FINLAND

OLJYNPURISTAMO OY*
P.O. Box 15, SF-00811 Helsinki 81,
Ph. 780155; TLX: 121518 (OILML ST)
CONTACT PERSON: P. Karri, Mktg. Dir.
Soy flour.

FRANCE

SOCIETE INDUSTRIELLE DES OLEAGINEUX: SIO
Direction Proteines, Groupe Lesieur, 122 Ave. du General DeGaulle, Boulogne-Billancourt, 92103,
Ph. 604 30 32; TLX: 260917 (SOLEAG).
CONTACT PERSON: Guy Deneck, Proteins Dir.
SOYOPTIM, SOYASSIM, PROTISOYA, DYNASOYA and FLOCOSOYA soy flours.

HAITI

SOCIETE D'EXPLOITATION D'OLEAGINEUX (SODEXOL)*
S.A.M. Laffiteau, P.O. Box 13460, Delmas,
Port au Prince, Ph. 20444, 24582, 24589;
TLX: 2030438 (SODEXOL)
CONTACT PERSON: Eliezer Bashan.

INDIA

JINDAL SOLVENT EXTRACTIONS*
Kashipur-244713, Ph. 270 and 292.
CONTACT PERSON: Devendra Kumar Agrawal
Soy flour, protein concentrates and isolates.

PREMIER EXTRACTIONS PVT. LTD.*
45/47 A. Industrial Area, A.B. Rd., Dewas, M.P.,
Ph. 5989, 38705 or 236-854;
TLX: 0735306 (PREM IN).
CONTACT PERSON: G.L. Agrawal, Mgr. Dir.
Soy flour, protein concentrates and isolates.

PRESTIGE FOODS PVT. LTD*
30, Jaora Compound, M.Y.D. Road,
Indore 452001, M.P., Ph. 4633, 21725 or 34014;
TLX: 0735205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
PRESTIGE soy flour, protein concentrates and isolates.

THE TATA OIL MILLS CO. LTD.*
Bombay House, Homi Mody Street, Bombay 400-023, Ph. 259131 or 258453; TLX: 011-2618 (TATA IN) or 011-4880 (TOMCO IN).
CONTACT PERSON: M.C. Badami, Mgr. Protein Foods
Soy isolates.

VIPPY SOLVEX PRODUCTS PVT. LTD.
28 Industrial Area, A.B. Rd., Dewas 455-001
M.P., Ph. 581; TLX: 0732-201 (VSP IN).
CONTACT PERSON: Prakash Mutha, Mgr. Dir.
VIPPY and SUPER SOY soy flours.

ISRAEL

ETZ HAZAYITH LTD.*
P.O. Box 193, PetahTikva, 49101,
Ph. 927171; TLX: 341859 (ETZHL ILG)
CONTACT PERSON: P. Naor, Plant Mgr.
Soy flour.

ITALY

LUCAS MEYER S.R.L.
Via Venezia 34, Vigonza (PD), 35010,
Ph. 629011; TLX: 430145 (GIPA I).
CONTACT PERSON: Axel Skulte, Pres.
Soy flour, protein concentrates and isolates.

JAPAN

AJINOMOTO CO. INC.*
5-8 1-Chome, Kyobashi, Chuo-ku, Tokyo,
Ph. 272-1111.
CONTACT PERSON: N. Mizoguchi, Plant Mgr.
AJIPRON soy flour.

FUJI OIL CO. LTD.*
Nissei Midosuji Hachimancho Bldg.,
6-1 Hachimancho, Minami-ku, Osaka 542,
Ph. 213-8151.
CONTACT PERSON: Takamichi Akagi, Dir. Sls.
FUJI PRO isolated soy protein, concentrated soy protein.

HOHNEN OIL CO. LTD.*
Mitsui Life Insurance Bldg., 1-2-3 Ohtemachi,
Chiyoda-ku, Tokyo, Ph. 211-6511.
Soy flour.

NETHERLANDS

CARGILL B.V.*
Affiliate of Cargil Inc.,
Minneapolis, MN, USA
Coenhavenweg 2, Box 8074, 1005AB
Amsterdam, Ph. 803-803; TLX: 14081.
CONTACT PERSON: Ruud Sevink, Mgr. Protein
Soy flour and grits.

NITICEL B.V.*
Sluisstraat 57, P.O. Box 16, Musselkanaal,
Ph. 6599; TLX: 53220 (TENKA NL).
CONTACT PERSON: A Grooten, Dir.
Soy flour, protein concentrates and isolates.

SOLNUTS B.V.*
Swaardvenstraat 41, P.O. Box 5066,
5048 Av. Tilburg, Ph. 68-4991; TLX: 52654
(SOLNU NL)
CONTACT PERSON: H. Stolk
SOLSOY full-fat soy flour.

UNIMILLS B.V.
Lindtsedijk 8, 3336 LE Zwijndrecht,
Ph. 125144; TLX: 29031 (UMIL NL).
Soy protein concentrates.

PORTUGAL

TAGOL, COMPANHIA DE OLEAGINOSAS DO TEJO SARL
Ave. Republica 44-7°, 1000 Lisbon,
Ph 767521/2, TLX: 14187 (TAGOL P).
CONTACT PERSON: Manuel Mourao, Dir.
TAGOL soy flour.

SOUTH AFRICA

JABULA FOODS LTD.*
P.O. Box 818, Springs, Transvaal 1560,
Ph. 813-2232; TLX: 421386.
CONTACT PERSON: M.J. Howell, Tech. Mgr.
JABULA full-fat soya flour.

TIGER PROTEIN INDUSTRIES (PTY) LTD.
P.O. Box 575, Randfontein 1760,
Ph. 693-4231; TLX: 420568.
CONTACT PERSON: Glen Clack, Mgr. Dir.
Soy flour, soy grits, soy concentrate.

SPAIN

ACEITES Y PROTEINAS S.A. (ACEPROSA)*
Repelega, Portugalete, Vizcaya,
Ph. 425-4500; TLX: 32753.
CONTACT PERSON: Juan Leguina, Sls. Mgr.
EMULSOY 200 mesh soy flour.

ARLESA-EXTRASUR
Carretera del Copero, S/N, Punta del Verde,
Sevilla, Ph. 69-04-58; TLX: 27784.
Soy flour.

NIKKO OIL MILLS CO. LTD.*
Kowa Hitotsubashi Bldg., 3-5-1 Kanda, Nishiki
Cho, Chiyoda-ku, Tokyo, Ph. 233-3951;
TLX: 2224940 (NIKOIL).
CONTACT PERSON: F. Nonaka, Mgr. Dir.
NIKKO-MAME defatted soybean meal for shoyu and miso; SAKAE-MAME soybean meal for tofu.

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
SOL-P soy protein.

KOREA

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Ph. 633-3921; TLX: K27334 (DBCORP).
CONTACT PERSON: Myoungsoo Shin, Pres.
HAE PYO and DONG BANG soy flours.

MEXICO

ACEITE CASA S.A.*
Ave. Ceylon, No. 793, Col. Industrial Vellejo;
TLX: 1771716 (CASAME).
CONTACT PERSON: Enrico Cusi, owner

ALIMENTOS COLPAC*
Km. 13, Carratera Huatabampo, Apartado No.
502, Navojoa, Sonora, CP85800, Ph. 24130.
CONTACT PERSON: Filiberto Verduzco Avila,
Gen. Mgr.
NUTRISOY soy flour.

FABRICA DE JABON
LA CORONA S.A. DE C.V.*
Apartado Postal 890, Zona Industrial No. 2,
Ciudad Obregon, Sonora, 85000,
Ph. 34690; TLX: 552839 (FJCOBR).
CONTACT PERSON: Alfredo Garcia Serrato,
Prod. Mgr.
SOYARINA 50 soy flour.

GALLETERA MEXICANA S.A. (GAMESA)*
Apdo. Postal 871, Ciudad Obregon Sonora,
Ph. 41907 or 51667
CONTACT PERSON: Ricardo J. Fierro Ramirez,
Mgr.
Soy flour, protein concentrates and isolates.

INDUSTRIAL DE ALIMENTOS S.A.*
Poniente 146 No. 789, Col. Industrial Vallejo,
Deleg. Azcapotzalco, 02300 D.F.,
Ph. 5674022 or 5679475.
CONTACT PERSON: Felipe Suberbie, Mgr.
SH, SHT and SL soy flours.

INDUSTRIAL JABONERA
LA ESPERANZA S.A.*
Valores Modernos SA, Fte. a la Estacion de los
FFCC, Gomez Palacio, Durango, Ph. 40144;
TLX: 032877.
CONTACT PERSON: Aureliano Alatorre M.,
Gen. Mgr.
Soy flour.

PRODUCTOS ALIMENTICIOS
DELICIAS S.A.*
Apartado Postal 376, Zona Industrial Oriente,
Cd. Delicias, Chih., Ph. 23093.
CONTACT PERSON: Joaquin Ponce Aguirre,
Gen. Mgr.
Full-fat soy flour.

TAIWAN

HSIAOKANG SUGAR MILLS, TSC
25 Paoching Rd., Taipei, Ph. 311-0521;
Plant at: 133 Hsiaokang Rd., Kaohsiung 800,
Ph. 07-821-4160.
CONTACT PERSON: S.N. Wu, Plant Mgr.
Soy flour.

TURKEY

SUMERBANK ORDU
SOYA SANAYII MUESSESESI
Aff. of Sumerbank, Ordu
Ph. 1420; TLX: 82168 (SUSO TR).
Soya flour.

VENEZUELA

EXTRACTORA NACIONAL DE
OLEAGINOSAS S.A. (ENDOSA)
Protinal CA, P.O. Box 83, Valencia, Ph. 52081.
CONTACT PERSON: Omar Hernandez
SOYARINA soy flour.

SOY FLOUR MIXES

UNITED STATES

AG PROCESSING INC.*
P.O. Box BB, Dawson, MN 56232.
Ph. 612-769-4386. Main office: Omaha, NE
CONTACT PERSON: Bob Jordheim, Plant Mgr.
or Truman DeVries, Merch. Mgr.
Soy flour mixes.

AMERICAN LECITHIN CO. INC.*
32-34 61st St., Woodside, L.I., NY 11377,
Ph. 212-274-4350; TLX: 26318.
CONTACT PERSON: M. Gillio, Exec. VP

DAIRYLAND PRODUCTS INC.*
5345 W. 125th St., Savage, MN 55378,
Ph. 612-890-5305.
CONTACT PERSON: Thomas C. Sando, Pres.
MELOTEIN soy flour mix.

FEARN NATURAL FOODS*
Div. of Richard Foods Corp.
4520 James Pl., Melrose Park, IL 60160,
Ph. 312-345-2335.
CONTACT PERSON: Mike Hyman, Natl. Sales
Mgr.
Fearn's unbleached, whole wheat pancake mixes; corn, bran muffin mixes; wheat-free rice baking mix and low sodium pancake mix; carob, carrot, banana and spice cake mixes.

GLOBAL NUTRAMEAL, INC.*
R.R., Box 6122, Spirit Lake, IA 51360,
Ph. 712-337-3376.
CONTACT PERSON: Kirk Stauss, Pres.
NUTRAMEAL nutritional food.

GRIFFITH LABORATORIES*
12200 S. Central Ave., Alsip, IL 60658,
Ph. 312-371-0900.
CONTACT PERSON: Wayne Pruiett, Mgr.,
Protein Products
Soy flour mix, PRO-BLEND.

NORTH AMERICAN
LABORATORY CO., INC.*
1717 W. 10th St., Indianapolis, IN 46222,
Ph. 317-635-9500; TLX: 276222 WU Pubtlx Ind
CONTACT PERSON: Kamal Hyder, Dir. Mktg.
MENU MAGIC foods.

ENGLAND

THE BRITISH ARKADY CO. LTD.*
Old Trafford, Manchester M16 ONJ.
Ph. 872-7161; TLX: 668488.
CONTACT PERSON: J.R. Mahlich, Mgr. Dir.
Soy flour mixes.

BRITISH SOYA PRODUCTS LTD.*
Puckeridge, NR Ware, Hertfordshire,
Ph. 821291; TLX: 81352.
CONTACT PERSON: D.W. Hill, Sales Mgr.
Soy flour mixes.

SOYA FOODS LTD.*
New Malden House 1, Blagdon Rd.,
New Malden Surrey KT3 4TB,
Ph. 949-2141; TLX: 896660.
CONTACT PERSON: R.J. Woodfield, Comm. Mgr.
Soy flour mixes.

FRANCE

SOCIETE INDUSTRIELLE DES OLEAGINEUX: SIO
Direction Proteines, Groupe Lesieur, 122 Ave. du General DeGaulle, Boulogne-Billancourt, 92103,
Ph. 604 30 32; TLX: 260917 (SOLEAG).
CONTACT PERSON: Guy Deneck, Proteins Dir.
PANISOY soy flour mix.

INDIA

PRESTIGE FOODS PVT. LTD*
30, Jaora Compound, M.Y.D. Road,
Indore 452001, M.P., Ph. 4633, 21725 or 34014;
TLX: 0735205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
PRESTIGE soy flour mixes.

VIPPY SOLVEX PRODUCTS PVT. LTD.
28 Industrial Area, A.B. Rd., Dewas 455-001
M.P., Ph. 581; TLX: 0732201 (VSP IN).
CONTACT PERSON: Prakash Mutha, Mgr. Dir.
Soy flour mixes.

ITALY

LUCAS MEYER S.R.L.
Via Venezia 34, Vigonza (PD), 35010,
Ph. 629011; TLX: 430145 (GIPA I).
CONTACT PERSON: Axel Skulte, Pres.
Soy flour mixes.

MEXICO

ACEITE CASA S.A.*
Ave. Ceylon, No. 793, Col. Industrial Vellejo;
TLX: 1771716 (CASAME).
CONTACT PERSON: Enrico Cusi, owner
Soy flour mixes.

PRODUCTOS ALIMENTICIOS DELICIAS S.A.*
Apartado Postal 376, Zona Industrial Oriente,
Cd. Delicias, Chih., Ph. 23093.
CONTACT PERSON: Joaquin Ponce Aguirre, Gen. Mgr.
Soy-oat or soy-corn blends.

SOUTH AFRICA

BROOKE BOND OXO (PTY.) LTD.*
159 Watt Rd., Pretoria 0002, Ph. 797050;
TLX: 3-0647.
CONTACT PERSON: F.W. Lehmann, PD & QA Controller
Soy flour mixes.

TIGER PROTEIN INDUSTRIES (PTY) LTD.
P.O. Box 575, Randfontein 1760,
Ph. 693-4231; TLX: 420568.
CONTACT PERSON: Glen Clack, Mgr. Dir.
Soy flour mixes.

TAIWAN

CHI FHA INDUSTRY CO. LTD.*
45 Sha-Tyan Rd., Sha Lu Taichung, Ph. 362111.
CONTACT PERSON: Yau-Kuen Hung, Board Dir.
Soy flour mixes.

SOY OIL PRODUCTS
Margarine, Shortening, Cooking/Salad Oils

UNITED STATES

ALL-FRESH FOODS INC.
2156 Green Bay Rd., Evanston, IL 60201;
Ph. 312-869-3100.
CONTACT PERSON: Thomas A. Bourelly, Pres.
Margarine, shortening, cooking and salad oils.

ANDERSON, CLAYTON FOODS
P.O. Box 226165, Dallas, TX 75266,
Ph. 214-387-1224.
CONTACT PERSON: Jim Fustino, Oil Trader
Fully refined and hydrogenated oils, margarine, shortening, cooking and salad oils.

ARCHER DANIELS MIDLAND CO.*
4666 Faries Pkwy., Decatur, IL 62526,
Ph. 800-637-5866.
CONTACT PERSON: James Stewall, VP.
ARCHER cooking and salad oil, hydrogenated oils in bulk and packaged oils.

BEST FOODS DIV.*
CPC International Inc.
International Plaza, Englewood Cliffs, NJ 07632,
Ph. 201-894-4000; Plants at: San Francisco and Sante Fe Springs, CA; Chicago, IL; Bayonne, NJ.
NUCOA and MAZOLA margarine, shortening.

CARGILL INC.*
P.O. Box 9300, Minneapolis, MN 55440,
Ph. 612-475-7575.
Soy oil.

CENTRAL SOYA*
1300 Fort Wayne National Bank, P.O. Box 1400,
Fort Wayne, IN 46801-1400, Ph. 219-425-5373;
TLX: 276170 (CENSOYA FWA A).
Plants at: Decatur, IN; Chattanooga, TN.

CONTACT PERSON: Thomas C. Griffith, VP
Margarine, shortening, cooking and salad oil.

PATRICK CUDAHY INC.*
Cudahy, WI 53110, Ph. 414-744-2000;
TLX: 269455 (PAT CUDA CUDA).
CONTACT PERSON: Dean W. Jacobson or Tony Tenaglia
Deodorized & hydrogenated lard & shortening.

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg.,
Cleveland, OH 44115, Ph. 216-344-8000;
Other locations: Chicago and Joliet, IL.
CONTACT PERSON: Leonard S. Milazzo, VP Mgr./Eng.
Soy oil.

J.H. FILBERT INC.*
3701 Southwestern Blvd., Baltimore, MD 21229, Ph. 301-644-4900; Plant at: 1591 Murphy Ave. SW, Atlanta, GA 30310.
CONTACT PERSON: Ken Higgens, Mgr. Food Processor
Fully refined and hydrogenated oil, margarine, shortening, cooking/salad oil.

HOLSUM FOODS*
P.O. Box 32, Industrial Airport, KS 66031,
Ph. 913-782-7171; Other location: 919 14th St., Albert Lea, MN 56007, Ph. 507-373-2431.
Margarine, shortening, cooking and salad oil, salad dressings.

HONEYMEAD PRODUCTS CO.*
Mankato, MN 56002, Ph. 507-625-7911.
CONTACT PERSON: Jim Stelzer & Dave Schostag
Margarine, soy and hydrogenated oil. SAVORY-SOY salad oil.

HUNT-WESSON FOODS INC.
1645 W. Valencia Dr., Fullerton, CA 92634;
Plants at: Savannah, GA; Chicago, IL; Bayonne, NJ; Memphis, TN.
Shortening, cooking and salad oil.

INDUSTRIAL PRODUCTS GROUP*
Stokely Van Camp Inc.
525 W. 1st Ave., P.O. Box 569, Columbus, OH 43216, Ph. 614-299-3131; TLX: 245494.
CAPITAL, PRIDE, BUCKEYE and PURITY margarines; HYMO, BBS, SUPER FRY shortenings; STABLAND, CAPITAL cooking/salad oils.

KRAFT INC.*
Kraft Ct., Glenview, IL 60025, Ph. 312-998-2000.
CONTACT PERSON: Gerald J. Daleiden, VP Oil Procurement
PARKAY and MIRACLE margarine, KRAFT and RICHTEX shortening, RICHTEX and KRAFT cooking/salad oil.

LEVER BROTHERS CO.
390 Park Ave., New York, NY 10022;
Plant at: Los Angeles, CA.
CONTACT PERSON: David W. Melendy, Mgr.
IMPERIAL, PROMISE and AUTUMN margarine and shortening.

LOU ANA FOODS, INC.*
P.O. Box 591, Opelousas, LA 70570,
Ph. 318-948-6561; TLX: 56-6645 (LAF OPLS).
CONTACT PERSON: Bobby Harris, Ind. Sales Mgr.
LOU ANA, PERFECTO and MERMAID cooking/salad oil.

THE MIAMI MARGARINE CO.*
Food Service Div.
5226 Vine St., Cincinnati, OH 45217,
Ph. 513-242-2310.
CONTACT PERSON: Ron Simoncini, Dir. of Mktg.
ROYAL SCOT, GOLDEN MAID, GOLDEN CHIP, NU-MAID, SATIN GOLD, SUPREME margarines; MIAMI, GRIDDLE KING shortening; SUPREME salad oil; RICH N' EGGS salad dressing; OLD DUTCH peanut butter.

PVO INTERNATIONAL INC.
3400 North Wharf St., P.O. Box 5420,
St. Louis, MO 63147, Ph. 314-622-0200.
CONTACT PERSON: W. Michael Smith, VP & Gen. Mgr.
Margarine, shortening, cooking, salad and soy oil.

RICELAND FOODS*
2120 S. Park Ave., P.O. Box 926,
Stuttgart, AR 72160, Ph. 501-673-5500;
Other location: Helena, AR.
Margarine, shortening, cooking and salad oils.

S.E. RYKOFF & CO.*
737 Terminal St., Los Angeles, CA 90021,
Ph. 213-622-4131.
CONTACT PERSON: Donald W. Becker
Fully refined and hydrogenated oils, mayonnaise, shortening and salad dressings. Labels; SER, SERCO, GOLDEN REY, SILVER REY, MAXIM AND CONNOISSEUR.

SAFEWAY STORES INC.*
Brookside Div.
Oakland, CA 94660. Ph. 415-944-4527. Plants at: Richmond, CA; Denison, TX; Grandview, WA.
CONTACT PERSON: Frank Bienati, Comm. Buying & Pub. Sales Mgr.
Margarine, cooking and salad oil.

JOHN SEXTON & CO.*
222 S. Riverside Plaza, Chicago, IL 60606,
Ph. 312-648-1100.
CONTACT PERSON: F.R. Einterz, VP Mfg.
Shortening, salad dressings and other soybean based products.

SHEDD'S FOOD PRODUCTS*
14401 Dexter Blvd., Detroit, MI 48238,
Ph. 319-869-6313; TLX: 230731;
Plants at: Sunnyvale and Vernon, CA; Elgin, IL; Louisville, KY; Omaha, NE; Greenville, SC; and Dallas, TX.
CONTACT PERSON: Ralph Monroe, Traffic Mgr.
SHEDD's margarine, shortening, old-style dressing and salad products.

C.F. SIMONIN'S SONS INC.
Belgrade and Tioga Sts., Philadelphia, PA 19134,
Ph. 215-426-2300.
Cooking and salad oils.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382.
Cooking, salad oils, and hydrogenated oils; bulk.

ARGENTINA

MOLINOS RIO DE LA PLATA S.A.*
Paseo Colon 746, Buenos Aires, 1323;
Ph. 30-8463, 30-8485, 33-3002 or 33-3003;
TLX: 22270 (MRPSA AR).
CONTACT PERSON: Dr. Nolly Sirkis, Div. Mgr.
DELICIA and MANTY margarines; COCINERO, LIRA, RIO UVA, RIO MAIZ, IDEAL and TORERO cooking/salad oils.

SOCIEDAD ANONIMA FABRICAS Y REFINERIAS DE ACEITES (SAFRA)*
Av. de Mayo 633, Piso 4°, Buenos Aires 1084,
Ph. 34-6154 or 34-4804; TLX: 21096 (SAFRA AR) or 17847 (SAFRA AR).
CONTACT PERSON: Eduardo Colombo, Mgr.
Cooking/salad oil.

AUSTRALIA

NUTTELEX FOOD PRODUCTS PTY. LTD.*
594-600 Church St., Richmond, Melbourne,
Ph. 428-3585; TLX: 30333 (EDZORN AA).
CONTACT PERSON: Gordon S. McNally, Mgr. Dir.
Margarine.

SOUTHERN PACKERS*
Div. of Q.C.M.A. Ltd.
250 Ingles St., Port Melbourne 3207,
Ph. 6451400; TLX: AA33730.
CONTACT PERSON: Michael A. Livesey, Div. Mgr.
Shortening, cooking and salad oil.

AUSTRIA

KUNER*
Div. Osterreichische Unilever GmbH
Rosengasse 4, A 1011 Wien, Ph. 6619;
TLX: 114080.
Margarine, edible grade soy oil.

BELGIUM

UNION N.V.*
De Keyserlei 5-Bus 1, Antwerp, B-2018,
Ph. 2231370; TLX: 334895.
CONTACT PERSON: L.J.P. Janssens, Mgr.
SOLO, PLANTA, BECEL, NATURA, ORO margarines; IMPERIAL cooking/salad oil.

VANDEMOORTELE N.V.*
Prins Albertlaan 12, Izegem 8700,
Ph. 302222 or 303838; TLX: 81622 (VAMO B).
CONTACT PERSON: G. Vervaeke or J. Vleurinck, Prod. Dirs.
Margarine, shortening and cooking/salad oil.

BOLIVIA

INDUSTRIAS DE ACEITE S.A.
P.O. Box 1759, Ballivian 262, Santa Cruz,
Ph. 47008-47700.
CONTACT PERSON: Felipe Campbell, Gen. Mgr.
KARINA shortening and FINO brand cooking/salad oil.

SOCIEDAD ACEITERA DEL ORIENTE S.A. (SAO)*
Parque Industrial, P.O. Box 1294,
Santa Cruz, Ph. 35149, 36476 or 50888;
TLX: 4299 (SAO BV).
CONTACT PERSON: Arturo Klaiman, Financial Director
Cooking/salad oil.

BRAZIL

INDUSTRIA DE OLEOS PACAEMBU S.A.*
Rua Silva Teles, 1465-Pari, Sao Paulo,
CEP 03026, Ph. 291-8844; TLX: 22374 (IOLP)
CONTACT PERSON: Kanje Adachi, Mgr.
PACAEMBU cooking/salad oil.

INDUSTRIAS J.B. DUARTE S.A.*
Rua dos Patriotas, 1382, Sao Paulo, 04207,
Ph. 274.8211, TLX: 01121226 (IJBD BR);
CONTACT PERSON: Luiz Lian de Abreu Duarte, Gen. Dir.
COLMEIA, JB, MAISA shortenings; VIDA, CERES, MARIA, GILDA cooking/salad oil.

MINASA*
Caixa Postal 1101, Campinas, S.P. 13.100,
Ph. 42-1966; TLX: 019-1043 (MINA BR);
CONTACT PERSON: John B. Sieh, Gen. Mgr.
MINASA cooking/salad oil.

OLVEBRA S.A.-INDUSTRIA E COMERCIO DE OLEOS VEGETAIS*
Praca Osvaldo Cruz 15-16° andar, Porto Alegre,
RS. Ph. 21-2200; TLX: 1225 (OLVE BR).
CONTACT PERSON: Hans Hajo Grun, Comm. Dir.
VIOLETA soy oil.

PERDIGAO ALIMENTOS S.A.*
Av. Nossa Senhora da Paz 722, 05349 Sao Paulo
SP, Ph. 2688188; TLX: 1123506 (PERD BR).
CONTACT PERSON: Juarez A. Leoni, Sls. Mgr.
Cooking/salad oil.

PRODUTOS ALIMENTICIOS DAS INDUSTRIAS GESSY LEVER LTDA.*
Divisao de Van den Bergh
Av. Vereador Jose Diniz, 3530,
Caixa Postal 60.091, Sao Paulo 01000,
Ph. 542-6111; TLX: 22795.
CONTACT PERSON: Samuel Aguirre Diaz, Tech. Dir.
DORIANA, BECEL, ASTRA, ADORELLA, GRADINAS and DULAR margarine.

REFINADORA DE OLEOS BRASIL S.A.*
Av. Paulista, 2073-Conj. Horsa II, 2nd Flr.,
Sao Paulo, S.P., 01311, Ph. 287-3122;
TLX: 32042 (NEVA BR) and 23827 (ROBR BR);
CONTACT PERSON: C.A. Walter or J.P. Mayor
MESA shortening, AMELIA cooking/salad oil.

RESEGUE INDUSTRIA E COMMERCIA S.A.*
Rua Marie Paula, 88, Sao Paulo, 01319,
Ph. 259-2000; TLX: 24762 (IROV BR) or 25303 (IROV BR).
CONTACT PERSON: Pedro Laercio Fancio, Mgr.
MINDOL margarine, SOLANGE cooking/salad oil.

S.A. MOINHOS RIO GRANDENSES (SAMRIG)
Rua da Conceicao, 195, Porto Alegre, RS,
Ph. 24-1033; TLX: 028778 (SAMRIG PAE).
PRIMOR soy oil and margarine.

CANADA

CANADA PACKERS, INC.*
30 Weston Rd., Toronto, Ont. M6N 3P4,
Ph. 416-766-4311; TLX: 0622257.
CONTACT PERSON: D.J. Sommerville, Gen. Mgr., Edible Oils
Margarine, shortening, cooking/salad oil.

MONARCH FINE FOODS CO., LTD.*
3700 Finch Ave. W., Rexdale, Ont. M3W 1G9,
Ph. 416-675-1678; TLX: 06989485.
CONTACT PERSON: J. Sernissi
Margarine, shortening, cooking/salad oil.

COLOMBIA

ACEITALES S.A.*
CL. 12, No. 37-19, Bogota, Ph. 2378555;
TLX: 43121 (ACLES CO).
CONTACT PERSON: Luis Hoyos, Mgr.
ELLA margarine, PURISIMO cooking/salad oil.

ACEITES Y GRASAS VEGETALES S.A. (ACEGRASAS)
Aptdo. 12615, Carretera del Sur 57-21, Bogota,
Ph. 383127; TLX: 41368.
CONTACT PERSON: Hernando A. Vergara V.
DAGUSTO and NIEVE margarine, LA SEVILLANA shortening and cooking/salad oil.

LA AMERICANA GRASAS Y ACEITES COMESTIBLES S.A.*
Carrera 1B, No. 47-12, Cali,
Ph. 422035 or 422641; TLX: 055706.
CONTACT PERSON: Ivan Palacio Lujan
Shortening.

GRASAS S.A.*
Calle 11, No. 18-113, Apartado Aereo 85,
Buga-Valle, Ph. 2021; TLX: 05866.
CONTACT PERSON: Alberto Angel Leon, Pres.
OLIOSOYA edible oil & LA GARZA shortening.

GRASAS VEGETALES S.A.
Carerra 51, No. 49-59, Piso 10, Box 5002,
Medellin; TLX: 06-797;
Plant at: Sabaneta, Antioquia.
CONTACT PERSON: German Castillo Ramirez, Gen. Mgr.
Shortening, cooking/salad oil.

LLOREDA GRASAS S.A.*
Autopista Cali-Yumbo Kilometro 3,
Ph. 682111; TLX: 055711 (LLOGR CO).
CONTACT PERSON: Hugo Parra, Comm. Mgr.
NOVA margarine, MANTECALI shortening and OLEOCALI cooking and salad oils.

DOMINICAN REPUBLIC

SOCIEDAD INDUSTRIAL DOMINICANA C.A.*
P.O. Box 726, Santo Domingo, Ph. 565-1323;
TLX: ITT 3460021 and RCA 3264210 (INDOCA)
CONTACT PERSON: Otto W. Bauer, Asst. Adm.
Margarine, shortening, cooking/salad oil.

ECUADOR

FABRICA DE ACEITES LA FAVORITA S.A.*
P.O. Box 486, Guayaquil,
Ph. 402840; TLX: 043174 (JARITA).
CONTACT PERSON: Xavier Vallarino, Pres.
DORINA and BONELLA margarine, PORKY shortening and LA FAVORITA and MAIZSOL cooking/salad oil.

INDUSTRIAS ALES C.A.*
Caracas 138 y Salinas, Quito, Ph. 230376,
TLX: 2198 (ALESCA ED).
CONTACT PERSON: Patricio Alvarez, Gen. Mgr.
LA CORONA margarine, TRES CORONAS and LA REINA shortening and DOS CORONAS cooking/salad oil.

OLEICA S.A.*
Km. 6½, Via a Daule, Casilla 3228, Guayaquil,
Ph. 351300; TLX: 3234 (OLJACE ED).
CONTACT PERSON: Francisco Molano, Tech. Dir.
KLAR margarine, ALEGRIA shortening, LA PERLA cooking/salad oil.

PRIMEROS HIDROGENADOS DE ACEITES Y GRASAS ECUATORIANAS S.A. (PHIDAYGESA)*
Km. 16½, Via a Daule, Guayaquil, Ph. 351555;
TLX: 04-3506.
CONTACT PERSON: Emilio Baquerizo V., Pres.
ESPECIAL and ASTRA margarine,; UNICA and LECHONCITA shortenings; UNICA and BRILLANTE cooking/salad oil.

ENGLAND

S.D. MATTHEWS LTD.*
Healey Old Mills, Ossett, West Yorkshire, WF5 8NE, Ph. 272534; TLX: 55483 (MATGRP G).
CONTACT PERSON: Alan West, Sales Dir.
Margarine.

VAN DEN BERGHS AND JURGENS LTD.*
Sussex House, Burgess Hill, West Sussex RH15 9AW, Ph. 46300; TLX: 877381 (VDBJ BH G);
CONTACT PERSON: B.P. Backlog, O&F Mgr.
STORK, ECHO, BLUEBAND, FLORA, TOMOR, SUMMER COUNTY AND KRONA margarine; COOKEEN, SPRY CRISP 'N DRY, VEBOL and WHITE CAP shortenings; CRISP 'N DRY, SALADIN, FRYTOL and FLORA cooking/salad oil.

FEDERAL REPUBLIC OF GERMANY

FRITZ HOMANN LEBENSMITTELWERKE GmbH & CO. KG*
P.O. Box 1180, 4503 Dissen T.W.,
Ph. 05421-311; TLX: 94311.
CONTACT PERSON: Friedrich Gervelmeyer
Margarine, shortening, cooking/salad oil.

OELWERKE NOURY & VAN DER LANDE GmbH*
Industrietrasse 10, 4240, Emmerich/Rhein,
Ph. 02822-741.
CONTACT PERSON: H. Herten, Dir.
Cooking/salad oil.

FINLAND

RAISION TEHTAAT*
Oy Kasviojy-Vaxtolje AB
SF-21200 Raisio, Ph. 780311;
TLX: 62140 (RAUL SF).
CONTACT PERSON: Heikki Siintola, Mgr. Foreign Dept.
Soy oil.

FRANCE

SOCIETE INDUSTRIELLE DES OLEAGINEUX (SIO)
12 Rue du General De Gaulle,
62223 St. Laurent Blangy, B.P. 99-62223,
Ph. (21) 59.98.00; TLX: 820580 (SIO).
CONTACT PERSON: Gerard Engrand, Plant Mgr.
Shortening.

GREECE

SOYA MILLS S.A.*
9, Valaoritou Str., Athens, Ph. 3601002;
TLX: 0214908 (SOMI GR).
CONTACT PERSON: E. Karatzas, Sls. Mgr.
Cooking/salad oil.

INDIA

LIBERTY OIL MILLS
302 Dalamal House, 206 Nariman Point,
Bombay, 400 021 Maharashtra,
Ph. 244445; TLX: 116189 (LIBO IN).
CONTACT PERSON: Parvez Kader, partner
CHANDA margarine, BUTLER and SAVERA cooking/salad oil.

VIKAS EXPORT INDUSTRIES*
3, Gandhi Chambers, Gondal Rd., RAJKOT-2, Rajkot, Ph. 88971-88972; TLX: VIER-281.
CONTACT PERSON: D.G. Patel
VIKAS margarine and cooking oil.

IRAN

SHERKATE SAHAMI ROWGHAN NABATI JAHAN
15 Ave., Malekoshoara Bahar, Tehran 15,
Ph. 838036; TLX: 214079 RNJ IR.
CONTACT PERSON: Hamid Ghazanfar
JAHAN shortening.

ISRAEL

ETZ HAZAYITH LTD.*
P.O. Box 193, PetahTikva, 49101, Ph. 927171;
TLX: 341859 (ETZHL ILG).
CONTACT PERSON: P. Naor, Plant Mgr.
Margarine, shortening, cooking/salad oil.

OLIVEX LTD.*
25 Rothschild Blvd., P.O. Box 1498,
61014 Tel-Aviv, Ph. 614451;
TLX: 341118 (BXTV IL); CABLE: EXOLIV.
CONTACT PERSON: Wolf Cegla, Uriel G. Cegla
GOLD OIL cooking/salad oil.

TETH BETH LTD.*
P.O. Box 147, Petah Tikva 49101,
Ph. 913191; TLX: 341962 (TB IL).
CONTACT PERSON: Ezra Berger, Mgr.
TETH BETH margarine and cooking/salad oil; SHORTOL shortening.

ITALY

GIACOMO COSTA FU ANDREA S.p.A.
Via Gabriele d'Annunzio 2, Genova,
Ph. 54831; TLX: 270068 (COSTA I).
CONTACT PERSON: Lorenzo Costa
GICO cooking/salad oil.

I.G.O.R. S.p.A.*
Via Vilano 3, Orzinuovi, 25034,
Ph. (030) 941761-2-3-4-5;
TLX: 300054 (IGEAOR).
CONTACT PERSON: Zanisi Adriano, Pres.
VEGETALINA-MILDA GOLD margarine, FRYPALM shortening.

INDUSTRIE CHIMICHE ITALIA CENTRALE S.p.A. (ICIC)*
Molo Sud, Zona Industriale, Ancona,
Ph. 55771; TELEGRAPH: ICIC Ancona;
TLX: 560035 (ICIC A) or 560866 (ICIC B).
CONTACT PERSON: Fabio Russo, Asst. Gen. Mgr.
SIGILLO cooking/salad oil.

S.I.O. S.p.A.*
Via Farini, N. 56, Modena, 41100, Ph. 22 2571;
TLX: 510138 (SIO MO I).
CONTACT PERSON: Paolo Domenichini, Admin.
OSCAR cooking/salad oil.

STAR STABILIMENTO ALIMENTARE S.p.A.*
Via Matteotti 142, Agrate Brianza,
Ph. 6550; TLX: 330133 or 341274.
CONTACT PERSON: Massimo Barni, Buyer
OLITA AND STAR cooking/salad oil, margarine.

JAPAN

AJINOMOTO CO. INC.*
5-8, 1-Chome, Kyobashi, Chuo-ku, Tokyo,
Ph. 272-1111.
CONTACT PERSON: N. Mizoguchi, Plant Mgr.
HI-TONE and HAPPY-COOK shortening; MARINA margarine; tempura oil; cooking/salad oil.

FUJI OIL CO. LTD.*
Nissei Midosuji Hachimancho Bldg.,
6-1 Hachimancho, Minami-ku, Osaka 542,
Ph. 213-8151.
CONTACT PERSON: Takamichi Akagi, Dir. Sls.
FUJI SANIZ margarine, PAMPAS shortening, FUJI cooking/salad oil.

HOHNEN OIL CO. LTD.*
Mitsui Life Insurance Bldg., 1-2-3, Ohtemachi,
Chiyoda-ku, Tokyo, Ph. 211-6511;
HOHNEN salad and tempura oil.

MEIJI MILK PRODUCTS CO., LTD.*
2-3-6, Kyobashi, Chuo-ku, Tokyo 104,
Ph. 274-5198; TLX: 2222404 (MEINYU J).
CONTACT PERSON: Takao Watanabe, Dev. Plng.
TOAST margarine.

NIKKO OIL MILLS CO. LTD.*
Kowa Hitotsubashi Bldg., 3-5-1 Kanda,
Nishiki Cho, Chiyoda-ku, Tokyo,
Ph. 233-3951; TLX: 2224940 (NIKOIL).
CONTACT PERSON: F. Nonaka, Mgr. Dir.
NIKKO salad oil and soy oil.

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
BON-LAND margarine and shortening; NISSHIN salad oil.

KOREA

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Ph. 633-3921; TLX: K27334 (DB CORP).
CONTACT PERSON: Myoungsoo Shin, Pres.
HAE PYO cooking/salad oil.

SAM YANG OIL & FEED CO. LTD.*
51-1 Susong-dong, Jongro-ku, Seoul,
Ph. 313-0159; TLX: K23275 or K26138 (SAMYANG)
CONTACT PERSON: Byung Wook Lee, Pres.
Cooking/salad oil.

KUWAIT

KUWAIT FLOUR MILLS CO. S.A.K.*
Jamal Abdulnasser St., P.O. Box 681 Safat,
Ph. 841866; TLX: 22209 (MATAHEN).
CONTACT PERSON: Bader A. Al Mousa, Gen. Mgr.
DALAL shortening and cooking oil.

MALTA

THE EDIBLE OIL REFINING CO. LTD.*
Mgieret Rd., P.O. Box 539, Marsa,
Ph. 623613; TLX: 1420 MW (OIL REF).
CONTACT PERSON: J. Parnis England, Mgr. Dir.
Margarine, shortening, cooking/salad oil.

MEXICO

ACEITE CASA S.A.*
Ave. Ceylon, No. 793, Col. Industrial Vellejo;
TLX: 1771716 (CASA ME).
CONTACT PERSON: Enrico Cusi, owner
Cooking/salad oil.

GALLETERA MEXICANA S.A. (GAMESA)*
Apdo. Postal 871, Ciudad Obregon, Sonora,
Ph. 41907 or 51667.
CONTACT PERSON: Ricardo J. Fierro Ramirez, Mgr.
MANTECA CLARA shortening.

HIDROGENADORA NACIONAL S.A. DE C.V.*
Rio Lerma #150, Tlalnepantla, Ph. 5650133 or 5659280; TLX: 172658 (HINA ME).
CONTACT PERSON: Nicolas Xacur, Pres.
Margarine, shortening, cooking/salad oil.

INDUSTRIAL ACEITERA S.A.*
Km. 20½, Carretera, Cuautitlan, Aptdo, 182,
Tlalnepantla; TLX: 017-178656 (IASA ME).
CONTACT PERSON: Hector Garcia Padilla, Oper. Mgr.
COLON shortening, MARAVILLA, COLON and SORAYA cooking/salad oil.

INDUSTRIAS CONASUPO S.A. DE C.V.*
Subsidiary of Compania Nacional De Subsistencias Populares
Km. 11.5 Carretera A. San Luis R.C. Sonora,
Mexicali, Baja California, Ph. 68761 AL 64;
TLX: 569802 (ICMX ME).

CONTACT PERSON: Eduardo Benjarano, Tech. Sup.
ALIANZA and POPO shortening and cooking/salad oil.

NEGOCIACION INDUSTRIAL SANTA LUCIA S.A.*
Av. Heroes de Nocupetaro No. 1022,
Morella Michoacan, Ph. 20175.
CONTACT PERSON: Fernando Trevimo, Plt. Dir.
SANTA LUCIA, DALIA and CAMPAMA shortening, SANTA LUCIA cooking/salad oil.

MOROCCO

LES HUILERIES DE MEKNES*
B.P. 2021 Sidi Said, Meknes, Ph. 531482;
TLX: 41034 (HUILMEK).
Table oils.

NETHERLANDS

GOUDA'S GLORIE VAN DIJK*
2e Industriestraat 8, 3411 ME Lopik,
Ph. 8911; TLX: 47975 (GLORI NL).
CONTACT PERSON: J.M.W. Bekkers, Mgr.
GOUDA'S GLORIE margarine, shortening and cooking/salad oil.

ROTTERDAMSCHE MARGARINE INDUSTRIE ROMI B.V.
Postbus 20, 3130 AA Vlaardingen,
Ph. 340311; TLX: 25770 (ROMI NL).
CONTACT PERSON: D.M. Talmon
Refined and hydrogenated soybean oils, shortenings.

PERU

COMPANIA OLEAGINOSA DEL PERU S.A.*
Casilla 2965, Lima 100,
Ph. 52-5570; TLX: 036-25418 (PE FABRIL).
CONTACT PERSON: Augusto Echecopar, Mgr. Dir.
CREMA de ORO, SELLO de ORO, MANTY and RI-K margarine; FARO, LaCOCINERA, PRIMOR and COPSAMIX shortening; PRIMOR and COCINERO cooking/salad oil.

SINDI S.A.*
Av. Central 643-10° Piso, San Isidro, 11239
Lima 14, Ph. 415283; TLX: 21187 (PE SINDI).
CONTACT PERSON: Cristobal Rosas Zorrilla, Gen. Mgr.
Shortening, cooking/salad oil.

SCOTLAND

CARDOWAN CREAMERIES LIMITED*
Holywell Street, Glasgow, U.K., G31 4BT,
Ph. 5541137.
CONTACT PERSON: A.B. Kyle, Man. Dir.
KING COLE margarine and shortening; FRYBEX cooking/salad oil.

SPAIN

ACEITERIAS REUNIDAS DE LEVANTE S.A. (ARLESA)*
Paseo de la Castellana, 143, Madrid 16,
Ph. 2796300; Plants at: Valencia and Sevilla.
CONTACT PERSON: Jan Van Kesteren
Shortening, cooking/salad oil.

ACEITES Y PROTEINAS S.A. (ACEPROSA)*
Repelega, Portugalete, Vizcaya, Ph. 425-4500;
TLX: 32753.
CONTACT PERSON: Juan Leguina, Sls. Mgr.
Soy oil.

ARLESA-EXISA
Carretera del Copero, S/N, Punta del Verde,
Sevilla, Ph. 61-02-00; TLX: 27784.
Soy oil.

COMPANIA INDUSTRIAL Y DE ABASTECIMIENTOS, S.A. (CINDASA)*
Affiliate of Cargill Inc.
Avda. de los Madronos No. 31, Madrid 33,
TLX: 44374 (CINDOE); 56509 (SILOE);
22080 (DINSOE).
CONTACT PERSON: Javier Lasantos, Undergen. Mgr.
CINDO-AMPUR cooking/salad oil.

SWEDEN

MARGARINBOLAGET AB*
Box 30025, S-104 25 Stockholm,
Ph. 541360; TLX: 19571 (MARG S);
CABLE: MARGARIN STOCKHOLM
CONTACT PERSON: Lars Edstrom, Chief Buyer
FLORA, TRE ESS, MILDA, MELBA and other margarines.

SWITZERLAND

SAIS*
Affiliate of Unilever NV Rotterdam
Forrlibuckstrasse 10, CH-8031, Zurich,
Ph. 444471; TLX: 822752 (SAIS ZH).
CONTACT PERSON: Walter H. Hefti, Chrmn.
Margarine, shortening, cooking/salad oil.

TAIWAN

ALL SINCERE INDUSTRIAL CO. LTD. (ASIC)
38 Chung Shan Rd., Luchu, Kaohsiung 821,
Ph. 862201.
CONTACT PERSON: C.H. Tsai, Pres.
Salad oil.

CHIA FHA INDUSTRY CO. LTD.*
45 Sha-Tyan Rd., Sha Lu Taichung, Ph. 362111.
CONTACT PERSON: Yau-Kuen Hung, Board Dir.
LUCKY cooking/salad oil.

CHIA HSIN FLOUR & VEG. OIL CORP.
1-Teh Li, Peitou, Taipei, Ph. 8912253.
CONTACT PERSON: C.S. Chang, Plant Supt.
CHIA HSIN cooking/salad oil.

CHUAN YUAN OIL MILL CO. LTD.
117 Hweilai St., Chang Hwa (Yuanlin) 510,
Ph. 323464.
CONTACT PERSON: S.F. Liang, Oil & Meal Sales Mgr.
Mayonnaise, refined soy oil and CHUAN YUAN salad oil.

EAGLE FOOD INDUSTRY CORP.*
12th Floor, 310 Sec. 4, Chung Hsiao E. Rd.,
Taipei, Ph. 7811161-69.
CONTACT PERSON: I.C. Soo, VP
EAGLE salad oil.

GREAT WALL ENTERPRISES CO. LTD.
8th Floor, 310 Sec. 4, Chung Hsiao E. Rd.,
Taipei, Ph. 7315761-5.
CONTACT PERSON: S. C. Yang, Factory Mgr.
GREAT WALL cooking/salad oil.

HSIAOKANG SUGAR MILLS, TSC
25 Paoching Rd., Taipei, Ph. 3110521;
Plant at: Kaohsiung.
CONTACT PERSON: S.N. Wu, Plant Mgr.
TAITANG salad oil.

HUIE SHENG OIL MILL CO. LTD.
102 Wenshan, Wenshan Li, Miaoli,
Ph. 320826; Plant at: Kaohsiung (Luchu).
CONTACT PERSON: S. Y. Wang, Pres.
SHENG-LI salad oil.

PRESIDENT ENTERPRISES CORP.*
301, Chung-cheng Rd., Yan Harng, Tainan Yungkang 711, Ph. 532121; Main office; Taipei, Ph. 3317571.
CONTACT PERSON: George Yang, Plt. Mgr.
TUNG I margarine, shortening and cooking/salad oil.

TAI HWA OIL INDUSTRIAL CO. LTD.
37 Lane 67, Linsheng N. Rd., Taipei,
Ph. 5110121.
GOLD salad oil.

TAY SHAN ENTERPRISE CO. LTD.*
No. 501, Sec. 2, Fuchiung Rd., Yuanlin, Chang Hwa, Ph. 322122; Main office: Taipei.
CONTACT PERSON: James T. Chan, CEO
TAY SHAN salad oils.

THAILAND

INDUSTRIAL ENTERPRISES CO. LTD.
179 Surawongse Rd., Bangkok, Ph. 2354855-9.
Plant at: Pak Kret, Nonthaburi.
CONTACT PERSON: Viraj Sasivongbhakdi, Dep. Mgr. Dir.
TIP cooking/salad oil.

NAKORNCHAISRI OIL INDUSTRIAL CO. LTD.*
829-835 Opp. Talad Plu Railway Station,
Dhonburi, Bangkok 10600,
Ph. 465-0659, 466-0529, 466-1014 or 472-1197.
CONTACT PERSON: Vichit Vitayathanagorn, Mgr. Dir.
GRAPE cooking/salad oil.

TURKEY

SUMERBANK ORDU SOYA SANAYII MUESSESESI
Aff. of Sumerbank, Ordu,
Ph. 1420; TLX: 82168 (SUSO TR).
SUMERBANK soy oil.

UNITED ARAB EMIRATES

UNITED FOODS LTD.*
Al-Owais Building, 104 Flat, Naser Square,
P.O. Box 5503, Deira, Dubai,
Ph. 223214/5/6; TLX: 46689 (VEGOIL EM).
CONTACT PERSON: M.H.U. Jung, Gen. Mgr.
ASEEL shortening, MUMTAZ cooking/salad oil.

VENEZUELA

C.A. FACEGRA*
Av. Navas Spinola, c/c Farrier - Apdo. No. 1,
Valencia, Carabobo, Ph. 711127 or 714870;
TLX: 41171.
CONTACT PERSON: Saul Hernandez Yanez, Gen. Plant Mgr.
ACEITE EL REY cooking/salad oil.

C.A. GRASAS DE VALENCIA*
Av. Henry Ford, Zona Industrial Sur.,
Valencia, Ph. 332022; TLX: 41352.
CONTACT PERSON: Josu Urresti
LA ESTANCIA margarine; AMERICANA, DIANA, AURA shortening; DIANA cooking/salad oil.

SOY SAUCE

UNITED STATES

GREAT CHINA FOOD PRODUCTS CO.
2520-58 S. State St., Chicago, IL 60616,
Ph. 312-225-8600.
CONTACT PERSON: Yook Lam, Pres.
Soy sauce.

KIKKOMAN INTERNATIONAL INC.*
50 California St., Suite 3600,
San Francisco, CA 94111, Ph. 415-956-7750.
CONTACT PERSON: Kaz Takei, VP Inst. & Ind. Sales
Soy sauce, teriyaki sauce, meat marinades and powdered soy sauce.

MANDARIN SOY SAUCE, INC.*
419 North St., Middletown, NY 10940,
Ph. 914-343-1505.
CONTACT PERSON: Wen-Chau Chiu, Pres.
WAN JA SHAN and MANDARIN CHEF soy sauce.

NEW ENGLAND SOY DAIRY*
305 Wells St., Greenfield, MA 01301,
Ph. 413-774-3141.
CONTACT PERSON: Tom Timmins, Pres.
Ginger soy sauce.

NORTH AMERICAN LABORATORY CO., INC.*
1717 W. 10th St., Indianapolis, IN 46222,
Ph. 317-635-9500; TLX: 276222 WU Pubtlx Ind
CONTACT PERSON: Kamal Hyder, Dir. Mktg.
MENU MAGIC foods.

S.E. RYKOFF & CO.*
737 Terminal St., Los Angeles, CA 90021,
Ph. 213-622-4131.
CONTACT PERSON: Donald W. Becker
Soy sauce.

SAN-J INTERNATIONAL, INC.*
Subsidiary of San-Jirushi Corp.
3236 Blvd., Colonial Heights, VA 23834,
Ph. 804-520-1513.
CONTACT PERSON: Michael Fountain, VP
SAN-J TAMARI soy sauce.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382.
CONTACT PERSON: D.L. Camerer, Natl. Sls. Mgr., Protein Div.
Soybean and corn hydrolyzates and flavoring.

JAPAN

AJINOMOTO CO. INC.*
5-8, 1-Chome, Kyobashi, Chuo-ku, Tokyo,
Ph. 272-1111.
CONTACT PERSON: N. Mizoguchi, Plant Mgr.
AJIEKI soy sauce.

KOREA

SAMPYO FOODS CO., LTD.*
647-2 Chang-Dong, Dobong-Gu, Seoul,
Ph. 992-7111.
CONTACT PERSON: Wan Sik Kim, Mgr. Dir.
Soy sauce.

MALAYSIA

YEO HIAP SENG (Malaysia) BERHAD
7 Jalan Tangdang, P.O. Box 229, Petaling Jaya,
Selangor, Ph. 573733; TLX: 37544 (YHS MA).
CONTACT PERSON: Mrs. C.K. Lo, Purch. Mgr.
YEO's soy sauce.

SINGAPORE

YEO HIAP SENG LTD.*
950 Dunearn Rd., Singapore 2158,
Ph. 4662266; TLX: 22143.
CONTACT PERSON: Joseph Yeo, Export Mgr.
Soy sauce.

TAIWAN

PRESIDENT ENTERPRISES CORP.*
301, Chung-cheng Rd., Yan Harng, Tainan
Yungkang 711, Ph. 232-1717; Main office:
Taipei, Ph. 331-7571.
CONTACT PERSON: L. W. Lin
PRESIDENT soy sauce.

WAN-JIA-SHIANG BREWERY CO. LTD.*
80-1, Hope St., Sanchung, Taipei 241,
Ph. 981-13183.
CONTACT PERSON: Michael Wu, Exp. Mgr.
WAN JA SHAN and MANDARIN CHEF soy sauce.

SOYBEANS, CANNED

UNITED STATES

LOMA LINDA FOODS*
11503 Pierce St., Riverside, CA 92515,
Ph. 714-687-7800.
CONTACT PERSON: Oliver Miller, VP R & D
BOSTON-STYLE soybeans and GREEN soybeans.

JAPAN

NIKKO OIL MILLS CO. LTD.*
Kowa Hitotsubashi Bldg., 3-5-1 Kanda,
Nishiki Cho, Chiyoda-ku, Tokyo,
Ph. 233-3951; TLX: 222-4940 (NIKOIL).
CONTACT PERSON: F. Nonaka, Mgr. Dir.
NIKKO-SENBETSU-DAIZU selected soybeans for tofu.

SOYBEANS FOR COOKING AND SPROUTING

UNITED STATES

AMERICAN FARMERS MARKETING COOPERATIVE*
131 Kraft St., P.O. Box 224,
Clarksville, TN 37040, Ph. 615-552-3846;
TLX: 705792 (AFMC UAD UD).
CONTACT PERSON: Thomas R. Chambers
Specialty beans for sprouts, soyfoods.

GLOBAL NUTRAMEAL, INC.*
R.R., Box 6122, Spirit Lake, IA 51360,
Ph. 713-337-3376.
CONTACT PERSON: Kirk Stauss, Pres.
NUTRAMEAL nutritional food.

GURLEY'S INC.*
Subsidiary of Illinois Cereal Mills, Inc.
404 E. Preston St., P.O. Box 388,
Selma, NC 27576, Ph. 919-965-2303,
800-672-8131, 800-334-9631, CABLE: GURLEY
CONTACT PERSON: Herman Kurrelmeier, Pres.
Soybeans for cooking and sprouting.

INARI, LTD.*
2331 Forest Rd., Lansing, MI 48910,
Ph. 517-882-3323; TLX: 229440 (MICH AGRI LSG).
CONTACT PERSON: Leonard Stuttman, Pres.
SUPER SOY and SOLAR SOYA.

THE MIAMI MARGARINE CO.*
Food Service Div.
5226 Vine St., Cincinnati, OH 45217,
Ph. 513-242-2310.
CONTACT PERSON: Ron Simoncini, Dir. of Mktg.
Soybeans for cooking and sprouting.

MIDWEST SOYA INTERNATIONAL INC.
814 N. Fifth, Clear Lake, IA 50428,
Ph. 515-357-6131.
CONTACT PERSON: Kim Pleggenkuhle
MSI brand soybeans.

NOMURA TOFU CO., INC.
2904 W. Fullerton, Chicago, IL 60647,
Ph. 312-486-7224/5.
CONTACT PERSON: William Woo, Pres.
Soybeans for cooking and sprouting.

PRO-SEED INC.*
236 Sugar St., Box 55, Blissfield, MI 49228,
Ph. 517-486-3520;
TLX: 241046 (SEAWAY FWD TOL).
CONTACT PERSON: Ronald M. Jacob, VP
Soybeans for cooking and sprouting, identity preserved.

J.M. SCHULTZ SEED COMPANY*
105 Pine St., Dieterich, IL 62424-0211,
Ph. 217-925-5212; TLX: 910 663 2660 (SCHULTZ DTRK); Other plants: Beardstown, IL; Paris, IL; Woodburn, IN; Ashland, OH.
CONTACT PERSON: Jack Schultz, Pres.
Soybeans for cooking and sprouting.

STRAYER SEED FARMS INC.*
Hudson, IA 50643, Ph. 319-988-3640.
CONTACT PERSON: Dennis Strayer, owner
PRIZE, VINTON, and JADE varieties for cooking, baking and foods manufacturing. CORSOY for sprouting. Mechanical splitting available.

ECUADOR

PRIMEROS HIDROGENADOS de ACEITES Y GRASAS ECUATORIANAS S.A. (PHIDAYGESA)*
Km. 16½, Via a Daule, Guayaquil, Ph. 351555;
TLX: 04-3506.
CONTACT PERSON: Emilio Baquerizo V., Pres.
Soybeans for cooking and sprouting.

ENGLAND

SOYA FOODS LTD.*
New Malden House 1, Blagdon Rd.,
New Malden Surrey KT3 4TB,
Ph. 949-2141; TLX: 896660.
CONTACT PERSON: R.J. Woodfield, Comm. Mgr.
Soybeans for cooking & roasting.

SINGAPORE

YEO HIAP SENG LTD.*
950 Dunearn Rd., Singapore 2158,
Ph. 4662266, TLX: 22143.
CONTACT PERSON: Joseph Yeo, Export Mgr.
Soybeans for cooking and sprouting.

SOYBEANS, ROASTED

UNITED STATES

HI-PRO PRODUCTS, INC.
1605 John St., Fort Lee, NJ 07024,
Ph. 201-944-2650; Plant at: Lakeville, MN.
CONTACT PERSON: Jeanne Dubos, Acct. Mgr.
SOYTOWN and SOY AHOY roasted soynuts, salted, unsalted and barbecue flavored.

INARI, LTD.*
2331 Forest Rd., Lansing, MI 48910,
Ph. 517-882-3323; TLX: 229440 (MICH AGRI LSG).
CONTACT PERSON: Leonard Stuttman, Pres.
Whole roasted soynuts from identity preserved soybeans. Salted, unsalted, onion-garlic, barbecue smoky, and pizza flavored. Candied soynuts: yogurt, carob and toffeed. SUPER SOY and SOLAR SOY brands.

MIDWEST SOYA INTERNATIONAL INC.
814 N. 5th, Clear Lake, IA 5[illegible]28,
Ph. 515-357-6131.
CONTACT PERSON: Kim Pleg[illegible]nkuhle
MSI brand soybeans.

PIONEER SPECIALTY FOODS
P.O. Box 1568, Fargo, ND 58107,
Ph. 701-282-2397.
CONTACT PERSON: Rich Waro, Sales
Roasted and salted snack soybeans, soy flour, soy protein and soybeans for human consumption.

ENGLAND

BOCM SILCOCK LTD.*
BOCM Silcock House, Basing View,
Basingstoke, Hampshire RG 212 EQ,
Ph. 29211; TLX: 858429.
CONTACT PERSON: J.A. Moole
Roasted soybeans.

FEDERAL REPUBLIC OF GERMANY

INTERFOOD DEUTSCHLAND GmbH*
Div. Interfood Luxemburg SAH
Louisenstr. 115, 6380 Bad Homburg, 1,
Ph. 22049; TLX: 0415840.
CONTACT PERSON: Hans D. Kneer, Mgr. Dir.
PRO-NUTS roasted soybeans.

STERN-CHEMIE*
An der Alster 81, D-2000 Hamburg 1,
Ph. 246451, 246452-53; TLX: 2162052 (STAR D).
CONTACT PERSON: Volkmar Wywiol
STERNNUTS, whole and sliced roasted soynuts, flavored and salted, brittle and all other soy protein grades and lecithin specialties.

FRANCE

SOCIETE INDUSTRIELLE DES OLEAGINEUX: SIO
Direction Proteines, Groupe Lesieur, 122 Av. du General De Gaulle, Boulogne-Billancourt, 92103,
Ph. 6043032; TLX: 260917 (SOLEAG).
CONTACT PERSON: Guy Deneck, Pro. Dir.
Roasted soybeans.

NETHERLANDS

SOLNUTS B.V.
Swaardvenstraat 41, P.O. Box 5066,
5048 Av. Tilburg, Ph. 68-4991;
TLX: 52654 (SOLNU NL).
CONTACT PERSON: H. Stolk, Export Mgr.
SOLNUTS, roasted soybeans.

TOFU MANUFACTURERS

UNITED STATES

AZUMAYA, INC.*
1575 Burke Ave., San Francisco, CA 94124,
Ph. 415-285-8500.
CONTACT PERSON: Wiliam Mizono, VP-Sec.
Tofu.

C.R. FOOD
1701 E. 7th St., Los Angeles, CA 90021,
Ph. 213-622-0556/9;
TLX: 698622 (D Y IMPT LSA).
CONTACT PERSON: Peter Kang, Pres.
C.R. brand tofu.

MRS. CHENG'S SOYBEAN PRODUCT INC.
1829 E. Palolo Ave., Honolulu, HI 96816,
Ph. 808-737-5751.
CONTACT PERSON: Hui Chen Cheng, Pres.
MRS. CHENG'S tofu.

DAIRYLAND PRODUCTS INC.*
5345 W. 125th St., Savage, MN 55378,
Ph. 612-890-5305.
CONTACT PERSON: Thomas C. Sando, Pres.
MELOTEIN soy dairy.

LUCAS MEYER INC.*
765 E. Pythian Ave., Decatur, IL 62526,
Ph. 217-875-3660; TLX: 404387.
CONTACT PERSON: Matthew J. Andrick, Prod. Mgr.
Tofu.

MANDALAY FOOD PRODUCTS INC.
450 Broome St., New York, NY 10013,
Ph. 212-966-0338.
CONTACT PERSON: John Tun, Mgr.
Tofu.

MATSUDA-HINODE TOFU CO.
526 Stanford Ave., Los Angeles, CA 90013,
Ph. 213-624-3615.
CONTACT PERSON: Phyllis Friar

MILLER SOY*
Rt. 2, Box 208B, Greenbrier, TN 37115,
Ph. 615-643-7506.
CONTACT PERSON: Harry Miller, Pres

NEW ENGLAND SOY DAIRY*
305 Wells St., Greenfield, MA 01301,
Ph. 413-774-3141.
CONTACT PERSON: Tom Timmins, Pres.
TOMSUN; NATURALLY GOURMET.

NOMURA TOFU CO., INC.
2904 W. Fullerton, Chicago, IL 60647,
Ph. 312-486-7224/5.
CONTACT PERSON: William Woo, Pres.
NOMURA tofu.

NORTH AMERICAN LABORATORY CO., INC.*
1717 W. 10th St., Indianapolis, IN 46222,
Ph. 317-635-9500; TLX: 276222 WU Pubtlx Ind.
CONTACT PERSON: Kamal Hyder, Dir. Mktg.
MENU MAGIC foods.

QUONG HOP & CO.*
161 Beacon St., South San Francisco, CA 94080,
Ph. 415-761-2022.
CONTACT PERSON: Jim Miller, Dir. Mktg. & Sales
Wine fermented tofu; nigari tufo and soymilk; tofu burgers, dressing, and salad; ICE DELIGHT (frozen non-dairy dessert); SAVORY baked tofu; tofu cutlets, tofu frozen continental entrees (French & Italian), QUONG HOP and NEW LEAF tofu quiche, ravioli, "wholly tofu cannoli." Also tempeh products: tempeh, Tempeh Lite, fried tempeh and marinated tempeh burgers, tempeh salad.

TOKYO FOOD PROCESSING CORP.*
40 Varick Ave., Brooklyn, NY 11237,
Ph. 212-456-8884.
CONTACT PERSON: Keiji Shirata, VP
Tofu.

WY KY INC.*
235-237 San Fernando Rd., Los Angeles, CA 90031, Ph. 213-222-0779.
CONTACT PERSON: William Lee, Pres.
WY KY tofu.

CANADA

COUNTRY COTTAGE FOODS*
R.R. 1, Ohaton, Alberta TOB 3PO,
Ph. 403-672-6382.
CONTACT PERSON: Mabel Pointkoski
Tofu.

INDIA

PRESTIGE FOODS PVT. LTD.*
30, Jaora Compound, M.Y.H. Road, Indore
452001 M.P., Ph. 4633, 21725 or 34014;
TLX: 0735 205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
PRESTIGE soy dairy.

ITALY

LUCAS MEYER S.R.L.
Via Venezia 34, Vigonza (PD), 35010,
Ph. 629011; TLX: 430145 (GIPA I).
CONTACT PERSON: Axel Skulte, Pres.
Soy dairy.

JAPAN

FUJI OIL CO. LTD.*
Nissei Midosuji Hachimancho Bldg.,
6-1 Hachimancho Minami-ku, Osaka 542,
Ph. 213-8151.
CONTACT PERSON: Takamichi Akagi, Dir. Sls.
SASHIMI tofu.

MEIJI MILK PRODUCTS CO., LTD.*
2-3-6, Kyobashi, Chuo-ku, Tokyo 104,
Ph. 274-5198; TLX: 222-2404 (MEINYU J).
CONTACT PERSON: Takao Watanabe, Dev. Plng.
SOYA MEAL soy dairy.

KOREA

DR. CHUNG'S FOODS COMPANY*
Insong Bldg. 18A, 194-15, 1-Ka, Hoehyun-Dong,
Choon-Ku, Seoul, Ph. 777-7421.
CONTACT PERSON: Chung Sung Soo, VP
WOOREAN soy dairy.

DONG-A FOODS CO., LTD.*
450-1 Suksoo-Dong, Anyang-City, Kyung Ki-Do,
Ph. 855-6711; TLX: 28359 (DONGACO).
CONTACT PERSON: I.S. Park, Mgr. Dir.
SUN DEW soy dairy.

MALAYSIA

YEO HIAP SENG (Malaysia) BERHAD
7 Jalan Tandang, P.O. Box 229, Petaling Jaya,
Selangor, Ph. 573733; TLX: 37544 (YHS MA).
CONTACT PERSON: Mrs. C.K. Lo, Purch. Mgr.
YEO's soy drink.

NETHERLANDS

SOLNUTS B.V.*
Swaardvenstraat 41, P.O. Box 5066, 5048 Av.
Tilburg, Ph. 68-4991; TLX: 52654 (SOLNU NL).
CONTACT PERSON: H. Stolk
SOLNUTS enzyme active and enzyme inactive tofu; flavored soybean curd.

SWITZERLAND

SOJALADE*
Dorfplatz, Ottenbach 8913, Ph. 769-0349.
CONTACT PERSON: Gauthier W. Loeffler
SOJALADA tofu.

TAIWAN

PRESIDENT ENTERPRISES CORP.*
301, Chung-cheng Rd., Yan Harng, Tainan
Yungkang 711, Ph. 532121; Main office: Taipei,
Ph. 331-7571.
CONTACT PERSON: S.L. Wu, H.M. Kao or L.W. Lin
PRESIDENT soy dairy.

WHIPPING AGENTS

UNITED STATES

S.E. RYKOFF & CO.*
737 Terminal St., Los Angeles, CA 90021,
Ph. 213-622-4131.
CONTACT PERSON: Donald W. Becker
Whipping agents.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382.
Plant at: Galesburg, IL, Ph. 309-342-0119.
CONTACT PERSON: D.L. Camerer, Natl. Sls. Mgr., Protein Div.
GUNTHER whipping and foaming agents.

ITALY

LUCAS MEYER S.R.L.
Via Venezia 34, Vigona (PD), 35010,
Ph. 629011; TLX: 430145 (GIPA I).
CONTACT PERSON: Axel Skulte, Pres.
Whipping agents.

JAPAN

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
DAIKYU whipping agent.

NETHERLANDS

NITICEL B.V.*
Sluisstraat 57, P.O. Box 16, Musselkanaal,
Ph. 6599; TLX: 53220 (TENKA NL).
CONTACT PERSON: A. Grooten, Dir.
Whipping agents.

Industrial Product Manufacturers

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ADHESIVES/COATINGS

UNITED STATES

ARCHER DANIELS MIDLAND CO.*
4666 Faries Pkwy., Decatur, IL 62526,
Ph. 800-637-5850.
CONTACT PERSON: Ray Parkin
KAYSOY industrial soy flours, soybean proteins for paper and paperboard laminating.

COLUMBUS COATED FABRICS CO.
Div. Borden Chemical, Borden, Inc.
7th & Grant Ave., Columbus, OH 43216,
Ph. 614-225-6060.
Plastic sheeting, calendered film, coated fabrics and upholstery materials.

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg.,
Cleveland, OH 44115, Ph. 216-344-8000;
Other locations: Lafayette, CA; Chicago, IL; New York, NY.
CONTACT PERSON: Leonard S. Milazzo, VP Mfg./Eng.
Adhesives/coatings.

HONEYMEAD PRODUCTS CO.*
Mankato, MN 56002, Ph. 507-345-2241.
CONTACT PERSON: Ed Senska
Glues, plywood adhesives.

RALSTON PURINA CO.*
Checkerboard Square, St. Louis, MO 63164,
Ph 314-982-1000 or 800-325-7137.
CONTACT PERSON: Paul Mitchell, Dir. Polymer Mktg.
PRO-COTE and PURINA POLYMERS for board, wallpaper and paper coatings, on and off machine at all solids level, sizing, calender and size press, paints pigment dispersants, printing inks, joint cements and water putties, general coatings and adhesives. PRO-COTE and PURINA POLYMERS for use in water resistant laminating, corrugating and tube winding adhesives. Sizes and tile coatings, texture paints and topping cements and general water resistant adhesive applications.

SPENCER KELLOGG DIV.*
Textron Inc.
P.O. Box 807, Buffalo, NY 14240,
Ph. 716-852-5850.
CONTACT PERSON: Robert J. Ray, Gen. Sls. Mgr.
Adhesives/coatings.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382.
Soy products for use in manufacturing of plywood adhesives.

AUSTRALIA

MEGGITT LIMITED
P.O. Box 199, Parramatta 2150 NSW,
Ph. 638 4466; TLX: AA70 851 (MEGCAM).
CONTACT PERSON: A.D. Rector, Chief Exec.
Adhesives/coatings.

BRAZIL

MINASA*
Caixa Postal 1101, Campinas, S.P. 13.100,
Ph. 42-1966; TLX: 019-1043 (MINA BR);
CONTACT PERSON: John B. Sieh, Gen. Mgr.
Adhesives/coatings.

FINLAND

RAISION TEHTAAT*
Oy Kasviojy-Vaxtolje AB
SF-21200 Raisio, Ph. 780311;
TLX: 62140 (RAUL SF).
CONTACT PERSON: Heikki Siintola, Mgr. Foreign Dept.
Adhesives/coatings.

INDIA

JINDAL SOLVENT EXTRACTIONS*
Kashipur-244713, Ph. 270 and 292.
CONTACT PERSON: Vijay Kumar Jindal
Adhesives/coatings.

JAPAN

HOHNEN OIL CO. LTD.*
Mitsui Life Insurance Bldg., 1-2-3 Ohtemachi, Chiyoda-ku, Tokyo, Ph. 211-6511;
Synthetic resin adhesives.

PERU

SINDI S.A.*
Av. Central 643-10° Piso, San Isidro 11239,
Lima 14, Ph. 415283; TLX: 21187 (PE SINDI).
CONTACT PERSON: Cristobal Rosas Zorrilla, Gen. Mgr.
Adhesives/coatings.

INDUSTRIAL LECITHIN

UNITED STATES

CENTRAL SOYA*
1300 Fort Wayne National Bank Bldg.,
P.O. Box 1400, Fort Wayne, IN 46801-1400,
Ph. 219-425-5181;
TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Willis Clark, VP
Soy lecithins, a complete line of natural, modified grades for industrial, food and pharmaceutical fields.

HONEYMEAD PRODUCTS CO.*
Mankato, MN 56002, Ph. 507-345-2251.
CONTACT PERSON: Dave Schostag
Industrial lecithin.

LUCAS MEYER INC.*
765 E. Pythian Ave., Decatur, IL 62526,
Ph. 217-875-3660; TLX: 404387.
CONTACT PERSON: Matthew J. Andrick, Prod. Mgr.
Soy lecithin in standard, modified and deoiled grades for industrial applications.

RALSTON PURINA CO.*
Checkerboard Square, St. Louis, MO 63164,
Ph. 314-982-1000 or 800-325-7136.
PUR-A-LEC lecithins; standard plastic and fluid grades, unbleached, as emulsifiers and dispersants.

RICELAND FOODS*
Soy Specialties Div.
650 S. Shackleford Rd., Little Rock, AR 72211,
Ph. 501-225-0936; Main office: Stuttgart, AR
Cable: ARKANGO; TWX: 910-720-6240;
TLX: 536464
CONTACT PERSON: Frank J. Flider, Gen. Mgr.
LECIGRAN, LECISOY, LECIPRIME, LECIKOTE, LECISPERSE, LECICAP and MAGNASPERSE for dietary, pharmaceutical, food, industrial and magnetic media applications. Deoiled granules, powders and refined lecithins.

ROSS & ROWE*
Div. of Archer Daniels Midland Co.
P.O. Box 1409, Decatur, IL 62525,
Ph. 217-424-5804;
Other location: Elizabeth, NJ 07202.
CONTACT PERSON: Lynn Adolphson, Gen. Mgr.
R&R 551 Interface Modifier for latex, PVA and acrylic emulsion paints: Complete line of YELKIN lecithin products for oil base paints.

SPENCER KELLOG DIV.*
Textron Inc.
P.O. Box 807, Buffalo, NY 14240,
Ph. 716-852-5850.
CONTACT PERSON: Robert J. Ray, Gen. Sls. Mgr.
KELECIN F for solvent systems and KELECIN 1081 water dispersible lecithin.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382.
CONTACT PERSON: L.P. McNamara, Sales Mgr., Ref. Oil Div.
STA-SOL soy lecithin, bleached and unbleached fluid grades, water dispersible grades available.

ARGENTINA

INDO S.A.*
Reconquista 458, Piso 15°, Buenos Aires 1358,
Ph. 394-1900 or 394-1005;
TLX: 9105 (LAPCE AR).
CONTACT PERSON: Fernando Speroni, Asst. Trader
Industrial lecithin.

BELGIUM

VANDEMOORTELE N.V.*
Prins Albertlaan 12, 8700 Izegem,
Ph. 302222 or 303838; TLX: 81622 (VAMO B).
CONTACT PERSON: Fred Deroost, Gen. Mgr.
Industrial lecithin.

BRAZIL

INDUSTRIA GAUCHA DE FARELOS E OLEOS S.A. (FAROL)*
Ave. Borges de Medeiros 659 – 12th Flr.,
Porto Alegre, RGS, 90000, Ph. 337988;
TLX: 511732 (STEF BR);
Other plants: Estrela, RGS; Feliz, RGS; Sapucaia Do Sul, RGS; Utuiutaba, MG.
CONTACT PERSON: Stefan Wenzel, Export Dir.
Industrial lecithin.

INDUSTRIAS J.B. DUARTE S.A.*
Rua dos Patriotas, 1382, Sao Paulo, 04207,
Ph. 274-8211; TLX: 01121226 (IJBD BR).
CONTACT PERSON: Archimedes Jorge Cortellazzi, Dir.
Industrial lecithin.

MIRACEMA NUODEX S.A. INDUSTRIAS QUIMICAS*
Rodivia Santos Dumont, Km. 4, 125,
Campinas 13100, Ph. 32-2700; TLX: 1201.
CONTACT PERSON: Otto Rohr, Pres.
Industrial lecithin.

CANADA

CANADIAN VEGETABLE OIL PROCESSING*
Div. Canada Packers, Inc.
Victoria Ave. & Burlington St., P.O. Box 618,
Hamilton, Ontario, L8N 3K7, Ph. 416-527-9121;
TLX: 0618315.
CONTACT PERSON: Anton Donkers, Gen. Mgr.
Industrial lecithin.

MAPLE LEAF MONARCH CO.*
365 Evans Ave., Toronto, Ont. M8Z 5W7,
Ph. 416-252-5551; TLX: 06984560.
CONTACT PERSON: Be Nijhuis, Indus. Oil Mgr.
Industrial lecithin.

COLOMBIA

ACEITALES S.A.*
CL. 12, No. 37-19, Bogota, Ph. 2378555;
TLX: 43121 (ACLES CO).
CONTACT PERSON: Luis Hoyos, Mgr.
Industrial lecithin.

LA AMERICANA GRASAS Y ACEITES COMESTIBLES S.A.*
Carrera 1B, No. 47-12, Cali,
Ph. 422035 or 422641; TLX: 055706.
CONTACT PERSON: Luis Santamaria, Admin.
Industrial lecithin.

GRASAS VEGETALES S.A.
Carerra 51, No. 49-59, Piso 10, Box 5002,
Medellin; TLX: 66797;
Plant at: Sabaneta, Antioquia.
CONTACT PERSON: German Castillo Ramirez, Gen. Mgr.
Industrial lecithin.

DENMARK

DANSK SOJAKAGEFABRIK A.p.S.*
24, Islands Brygge, Dk-2300 Copenhagen S,
Ph. 54660; TLX: 31313 (DASOY DK).
CONTACT PERSON: Mogens Kjaer, Gen. Mgr.
Industrial lecithin.

FEDERAL REPUBLIC OF GERMANY

LUCAS MEYER GmbH & CO.*
Ausschlaeger Elbdeich 62, 2000 Hamburg 28,
Ph. 781701.
Lecithin products for technical applications. Fluid, deoiled and fractionated grades.

NATTERMANN CHEMIE GmbH*
Nattermannallee 1, D-5000 Koln 30,
Ph. 50901; TLX: 8881928.
Lecithin products for the industrial field. Natural, modified, fractionated and oil-free lecithin.

FINLAND

OLJYNPURISTAMO OY*
P.O. Box 15, SF-00811 Helsinki 81, Ph. 780155;
TLX: 121518 (OILML ST).
CONTACT PERSON: P. Karri, Mktg. Dir.
Industrial lecithin.

FRANCE

SOCIETE INDUSTRIELLE DES OLEAGINEUX: SIO
Direction Proteines, Groupe Lesieur, 122 Av. du General De Gaulle, Boulogne-Billancourt, 92103,
Ph. 604 30 32; TLX: 260917 (SOLEAG).
CONTACT PERSON: Guy Deneck, Proteins Dir.
Industrial lecithin.

HAITI

SOCIETE D'EXPLOITATION D'OLEAGINEUX (SODEXOL)*
S.A.M. Laffiteau, P.O. Box 13460,
Delmas, Port au Prince, Ph. 20444, 24582, 24589;
TLX: 2030438 (SODEXOL)
CONTACT PERSON: Eliezer Bashan.
Industrial lecithin.

INDIA

PRESTIGE FOODS PVT. LTD.*
30, Jaora Compound, M.Y.H. Road, Indore 452001 M.P., Ph. 4633, 21725 or 34014;
TLX: 0735 205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
Industrial lecithin.

VIPPY SOLVEX PRODUCTS PVT. LTD.
28 Industrial Area, A.B. Rd., Dewas 455-001
M.P., Ph. 581; TLX: 0732201 (VSP IN).
CONTACT PERSON: Prakesh Mutha, Mgr. Dir.
Industrial lecithin.

ISRAEL

ETZ HAZAYITH LTD.*
P.O. Box 193, PetahTikva, 49101, Ph. 9227171;
TLX: 341859 (ETZHL ILG).
CONTACT PERSON: P. Naor, Plant Mgr.
Industrial lecithin.

IZHAR OIL INDUSTRY OF ISRAEL LTD.*
P.O. Box 823, Tel-Aviv, Ph. 242555,
TLX: 33441 (OCEAN IL).
CONTACT PERSON: M. Mitelman, Dir.
Industrial lecithin.

SHEMEN INDUSTRIES LTD.
P.O. Box 136, Haifa 31000, Ph. 670491;
TLX: 46776 (KFOOD IL).
CONTACT PERSON: Z. Neumann, Mktg. Dir.
Industrial lecithin.

TETH BETH LTD.*
P.O. Box 147, Petah Tikva 49101,
Ph. 913191; TLX: 341962 (TB IL).
CONTACT PERSON: Ezra Berger, Mgr.
Industrial lecithin.

ITALY

INDUSTRIE CHIMICHE ITALIA CENTRALE S.p.A. (ICIC)*
Molo Sud, Zona Industriale, Ancona,
Ph. 55771; TELEGRAPH: ICIC Ancona;
TLX: 560035 (ICIC A) - 560866 (ICIC B).
CONTACT PERSON: Fabio Russo, Asst. Gen. Mgr.
Industrial lecithin.

ITALIANA OLII E RISI S.p.A.
Via Romolo Gessi, 20, Ravenna, 48100,
Ph. 31222; TLX: 550077 (IORRA I).
Other plants: Porto Corsini, Ravenna; Porto Marghera, Venice; Aprilia, Latina.
CONTACT PERSON: Stefano Ghirardini, Tech Dir.
Industrial lecithin.

LIQUIFARM-GRUPPO INDUSTRIE ALIMENTARI S.p.A. IN AMMINISTRAZIONE STRAORDINARIA*
Via L da Vinci 19, Livorno, Ph. 34731;
TLX: 500053; CABLE: GIAMIX.
CONTACT PERSON: Erminio Cipolla, Plant Mgr.
Industrial lecithin.

S.I.O. S.p.A.*
Via Farini, N. 56, Modena, 41100, Ph. 222571;
TLX: 510138 (SIO MO I).
CONTACT PERSON: Paolo Domenichini, Admn.
Industrial lecithin.

JAPAN

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
Industrial lecithin.

TOYO OIL MILLS CO. INC.*
Subsidiary of Ajinomoto Co. Inc., Tokyo
230 Shinminato, Chiba-Shi 260, Ph. 411251.
CONTACT PERSON: N. Tachikawa, Supt.
Industrial lecithin.

KOREA

CHEIL SUGAR CO. LTD.
23rd Flr., Samsung Main Bldg. 250, 2-Ka,
Taepyung-Ro, Chung-Ku, Seoul, Ph. 28-7533;
TLX: K23762.
CONTACT PERSON: M. Y. Yoo, Plant Mgr.
Industrial lecithin.

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Ph. 633-3921; TLX: K27334 (DBCORP).
CONTACT PERSON: Myoungsoo Shin, Pres.
Industrial lecithin.

MEXICO

ACEITERA MATAMOROS, S.A. DE C.V.*
Ave. Uniones S/N, Zona Industrial,
H. Matamoros, Tamaulipas, C.P. 87310,
Ph. 38942, 38943 or 38959;
TLX: 35016 (AMAT ME).
CONTACT PERSON: Pablo R. Penaloza, Mgr.
Industrial lecithin.

GALLETERA MEXICANA S.A. (GAMESA)*
Apdo. Postal 871, Ciudad Obregon, Sonora,
Ph. 41907 or 51667.
CONTACT PERSON: Ricardo J. Fierro Ramirez, Mgr.
Industrial lecithin.

LA POLAR*
Av. Manuel Gonzalez 165, Mexico 3, D.F.,
Ph. 5833845; TLX: 1772498 (POLA ME).
CONTACT PERSON: Diego Gutierrez, Pres.
Industrial lecithin.

NETHERLANDS

NITICEL B.V.*
Sluisstraat 57, P.O. Box 16, Musselkanaal,
Ph. 6599; TLX: 53220 (TENKA NL).
CONTACT PERSON: A. Grooten, Dir.
Industrial lecithin.

UNIMILLS B.V.
Lindtsedijk 8, 3336 LE Zwijndrecht,
Ph. 125144; TLX: 29031 (UMIL NL).
Industrial lecithin.

NORWAY

A/S DE-NO-FA OG LILLEBORG FABRIKER*
Sandakerveien 56, Oslo, Ph. 22-00-50;
TLX: 71181; Plant at: Fredrikstad.
CONTACT PERSON: Arild Hemstad
Industrial lecithin.

SPAIN

ACEITERIAS REUNIDAS DE LEVANTE S.A. (ARLESA)*
Paseo de la Castellana, 143, Madrid 16,
Ph. 2796300.
CONTACT PERSON: Jan Van Kesteren
Industrial lecithin.

SOCIEDAD IBERICA DE MOLTURACION S.A. (SIMSA)*
Plaza de Chamberi 8-7°, Madrid 10,
Ph. 4353400; TLX: 27216 (SIMSA).
CONTACT PERSON: Ignacio Aritio, Sub. Dir. General
Industrial lecithin.

TAIWAN

CHIA FHA INDUSTRY CO. LTD.*
45 Sha-Tyan Rd., Sha Lu Taichung, Ph. 362111.
CONTACT PERSON: Yau-Kuen Hung, Board Dir.
Industrial lecithin.

GREAT WALL ENTERPRISES CO. LTD.
8th Floor, 310 Sec. 4, Chung Hsiao E. Rd.,
Taipei, Ph. 7315761-5.
CONTACT PERSON: S. C. Yang, Mgr.
Industrial lecithin.

PRESIDENT ENTERPRISES CORP.*
301, Chung-cheng Rd., Yan Harng,
Tainan Yungkang 711, Ph. 532121.
Main office: Taipei, Ph. 3317571.
CONTACT PERSON: George Yang, Plant Mgr.
Industrial lecithin.

TURKEY

SUMERBANK ORDU SOYA SANAYII MUESSESESI
Aff. of Sumerbank, Ordu,
Ph. 1420; TLX: 82168 (SUSO TR).
Raw lecithin.

VENEZUELA

EXTRACTORA NACIONAL DE OLEAGINOSAS S.A. (ENDOSA)
Protinal CA, P.O. Box 83, Valencia, Ph. 342011;
Plant at El Morro, Valencia.
CONTACT PERSON: Omar Hernandez
Industrial lecithin.

INDUSTRIAL SOY FLOUR

UNITED STATES

CARGILL INC.*
P.O. Box 9300, Minneapolis, MN 55440,
Ph. 612-475-6090.
Industrial soy flour.

CENTRAL SOYA*
1300 Fort Wayne National Bank Bldg.,
P.O. Box 1400, Fort Wayne, IN 46801-1400,
Ph. 219-425-5508;
TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Willis Clark, VP
PROSOY L defatted soy flour.

HONEYMEAD PRODUCTS CO.*
Mankato, MN 56002, Ph. 507-345-2241.
CONTACT PERSON: Ed Senska
LAMISOY industrial soy flour.

LUCAS MEYER INC.*
765 E. Pythian Ave., Decatur, IL 62526,
Ph. 217-875-3660; TLX: 404387.
CONTACT PERSON: Matthew J. Andrick, Prod. Mgr.
Industrial soy flour.

BELGIUM

VANDEMOORTELE N.V.*
Prins Albertlaan 12, 8700 Izegem,
Ph. 302222 or 303838; TLX: 81622 (VAMO B).
CONTACT PERSON: Fred Deroost, Gen. Mgr.
Industrial soy flour.

BRAZIL

INDUSTRIA GAUCHA DE FARELOS E OLEOS S.A. (FAROL)*
Ave. Borges de Medeiros 659 – 12th Flr.,
Porto Alegre, RGS, 90000, Ph. 337988;
TLX: 511732 (STEF BR);
Other plants: Estrela, RGS; Feliz, RGS; Sapucaia Do Sul, RGS; Ituiutaba, MG.
CONTACT PERSON: Stefan Wenzel, Export Dir.
Industrial soy flour.

COLOMBIA

LA AMERICANA GRASAS Y ACEITES COMESTIBLES S.A.*
Carerra 1B, No. 47-12; Cali,
Ph. 422035 or 422641; TLX: 055706.
CONTACT PERSON: Luis Santamaria, Admin.
Industrial soy flour.

FINLAND

RAISION TEHTAAT*
Oy Kasviojy-Vaxtolje AB
SF-21200 Raisio, Ph. 780311;
TLX: 62140 (RAUL SF).
CONTACT PERSON: Heikki Siintola, Mgr. Foreign Dept.
Industrial soy flour.

FRANCE

SOCIETE INDUSTRIELLE DES OLEAGINEUX: SIO
Direction Proteines, Groupe Lesieur, 122 Av. du General De Gaulle, Boulogne-Billancourt, 92103,
Ph. 604 30 32; TLX: 260917 (SOLEAG).
CONTACT PERSON: Guy Deneck, Proteins Dir.
Industrial soy flour.

HAITI

SOCIETE D'EXPLOITATION D'OLEAGINEUX (SODEXOL)*
S.A.M. Laffiteau, P.O. Box 13460,
Delmas, Port au Prince, Ph. 20444, 24582, 24589;
TLX: 2030438 (SODEXOL)
CONTACT PERSON: Eliezer Bashan.
Industrial soy flour.

INDIA

JINDAL SOLVENT EXTRACTIONS*
Kashipur-244713, Ph. 270 and 292.
CONTACT PERSON: Vijay Kumar Jindal
Industrial soy flour.

PRESTIGE FOODS PVT. LTD.*
30, Jaora Compound, M.Y.H. Road, Indore 452001 M.P., Ph. 4633, 21725 or 34014;
TLX: 0735 205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
Industrial soy flour.

VIPPY SOLVEX PRODUCTS PVT. LTD.
28 Industrial Area, A.B. Rd., Dewas 455-001 M.P., Ph. 581; TLX: 0732201 (VSP IN).
CONTACT PERSON: Prakash Mutha, Mgr. Dir.
Industrial soy flour.

ISRAEL

ETZ HAZAYITH LTD.*
P.O. Box 193, PetahTikva, 49101, Ph. 9227171;
TLX: 341859 (ETZHL ILG).
CONTACT PERSON: P. Naor, Plant Mgr.
Industrial soy flour.

IZHAR OIL INDUSTRY OF ISRAEL LTD.*
P.O. Box 823, Tel-Aviv, Ph. 242555;
TLX: 33441 (OCEAN IL).
CONTACT PERSON: M. Mitelman, Dir.
Industrial soy flour.

ITALY

ITALIANA OLII E RISI S.p.A.
Via Romolo Gessi, 20, Ravenna, 48100,
Ph. 31222; TLX: 550077 (IORRA I).
Other plants: Porto Corsini, Ravenna; Porto Marghera, Venice; Aprilia, Latina.
CONTACT PERSON: Stefano Ghirardini, Tech Dir.
Industrial soy flour.

LIQUIFARM-GRUPPO INDUSTRIE ALIMENTARI S.p.A. IN AMMINISTRAZIONE STRAORDINARIA*
Via L da Vinci 19, Livorno, Ph. 34731;
TLX: 500053; CABLE: GIAMIX.
CONTACT PERSON: Erminio Cipolla, Plant Mgr.
Industrial soy flour.

S.I.O. S.p.A.*
Via Farini, N. 56, Modena, 41100, Ph. 22 2571;
TLX: 510138 (CIO MO I).
CONTACT PERSON: Paolo Domenichini, Admn.
Industrial soy flour.

JAPAN

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
Industrial soy flour.

KOREA

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Ph. 633-3921; TLX: K27334 (DBCORP);
CONTACT PERSON: Myoungsoo Shin, Pres.
Industrial soy flour.

MEXICO

GALLETERA MEXICANA S.A. (GAMESA)*
Apdo. Postal 871, Ciudad Obregon, Sonora,
Ph. 41907 or 51667.
CONTACT PERSON: Ricardo J. Fierro Ramirez, Mgr.
Industrial soy flour.

INDUSTRIAL DE ALIMENTOS S.A.*
Poniente 146 No. 789, Col. Industrial Vallejo,
Deleg. Azcapotzalco, 02300, D.F.,
Ph. 5674022 or 5679475.
CONTACT PERSON: Felipe Suberbie, Gen. Mgr.
Industrial soy flour.

LA POLAR*
Av. Manuel Gonzalez 165, Mexico 3, D.F.,
Ph. 5833845; TLX: 1772498 (POLA ME).
CONTACT PERSON: Diego Gutierrez, Pres.
Industrial soy flour.

PERU

COMPANIA OLEAGINOSA DEL PERU S.A.*
Casilla 2965, Lima 100,
Ph. 52-5570; TLX: 036-25418 (PE FABRIL).
CONTACT PERSON: Augusto Echecopar, Mgr. Dir.
Industrial soy flour.

SINDI S.A.*
Av. Central 643-10° Pisa, San Isidro 11239,
Lima 14, Ph. 415283; TLX: 21187 (PE SINDI).
CONTACT PERSON: Cristobal Rosas Zorrilla, Gen. Mgr.
Industrial soy flour.

SPAIN

ACEITES Y PROTEINAS S.A. (ACEPROSA)*
Repelega, Portugalete, Vizcaya, Ph. 425-4500;
TLX: 32753.
CONTACT PERSON: Juan Leguina, Sls. Mgr.
Industrial soy flour.

TAIWAN

CHIA FHA INDUSTRY CO. LTD.*
45 Sha-Tyan Rd., Sha Lu Taichung, Ph. 362111.
CONTACT PERSON: Yua-Kuen Hung, Board Dir.
Industrial soy flour.

GREAT WALL ENTERPRISES CO. LTD.
8th Floor, 310 Sec. 4, Chung Hsiao E. Rd.,
Taipei, Ph. 7315761-5.
CONTACT PERSON: S. C. Yang, Mgr.
Industrial soy flour.

VENEZUELA

EXTRACTORA NACIONAL DE OLEAGINOSAS S.A. (ENDOSA)
Protinal CA, P.O. Box 82, Valencia,
Ph. 342011; Plant at: El Morro, Valencia.
CONTACT PERSON: Omar Hernandez
Industrial soy flour.

INDUSTRIAL SOY OIL

UNITED STATES

CARGILL INC.*
P.O. Box 9300, Minneapolis, MN 55440,
Ph. 612-475-6625
Industrial soy oil.

CENTRAL SOYA*
1300 Fort Wayne National Bank Bldg.,
P.O. Box 1400, Fort Wayne, IN 46801-1400,
Ph. 219-425-5373; TLX: 276170 (CENSOYA FWA A). Plants at: Decatur, IN; Bellevue, OH; Chattanooga, TN.
CONTACT PERSON: Thomas C. Griffith, VP
Industrial soy oil.

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg.,
Cleveland, OH 44115, Ph. 216-344-8000;
CONTACT PERSON: Leonard S. Milazzo, VP Mgr./Eng.
Industrial soy oil.

HONEYMEAD PRODUCTS CO.*
Mankato, MN 56002, Ph. 507-625-7911.
CONTACT PERSON: Jim Stelzer &
Dave Schostag
Industrial refined soy oil.

THE MIAMI MARGARINE CO.*
Food Service Div.
5226 Vine St., Cincinnati, Oh 45217,
Ph. 513-242-2310.
CONTACT PERSON: Ron Simoncini,
Dir. of Mktg.
Industrial soy oil.

RICELAND FOODS*
2120 S. Park Ave., P.O. Box 926,
Stuttgart, AR 72160, Ph. 501-673-5500;
Other location: Helena, AR.
Industrial soy oil.

S.E. RYKOFF & CO*
737 Terminal St., Los Angeles, CA 90021,
Ph. 213-622-4131.
CONTACT PERSON: Donald W. Becker
Industrial soy oil.

C.F. SIMONIN'S SONS INC.
Tioga and Belgrade St., Philadelphia, PA 19134,
Ph. 215-426-2300.
CONTACT PERSON: W.J. Lewis, Exec. VP
Industrial soy oil.

SPENCER KELLOGG DIV.*
Textron Inc.
P.O. Box 807, Buffalo, NY 14240,
Ph. 716-852-5850.
CONTACT PERSON: Robert J. Ray,
Gen. Sls. Mgr.
Industrial soy oil.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382
Alkali refined soy oils, bleached and unbleached, for use in alkyd resin formulation.

BELGIUM

SCALDISWERKEN RUIEN N.V.
6 Avelgemstraat, B9690 Kluisbergen-Rulen,
Ph. 055-388412.
CONTACT PERSON: Albert Windels, Ing.
Industrial soy oil.

VANDEMOORTELE N.V.*
Prins Albertlaan 12, Izegem 8700,
Ph. 302222 or 303838; TLX: 81622 (VAMO B).
CONTACT PERSON: J. Claerhout, Sales Mgr.
Industrial soy oil.

VEREIN DEUTSCHER OELFABRIKEN*
Zweigniederlassung der Union Deutsche Lebensmittelwerke GmbH
6800 Industriehafen, Bonadiesstrasse 3-5,
D-6800 Mannheim, Ph. 37041; TLX: 0463031.
CONTACT PERSON: K. Eckert, Plant Mgr.
Industrial soy oil.

BRAZIL

INDUSTRIA DE OLEOS PACAEMBU S.A.*
Rua Silva Teles, 1465-Pari, Sao Paulo,
CEP 03026, Ph. 291-8844; TLX: 23374 (IOLP)
CONTACT PERSON: Kanje Adachi, Mgr.
Industrial soy oil.

INDUSTRIA GAUCHA DE FARELOS E OLEOS S.A. (FAROL)*
Av. Borges de Medeiros 659 - 12th Flr.,
Porto Alegre, RGS, 90000, Ph. 337988;
TLX: 511732 (STEF BR);
Other plants: Estrela, RGS; Feliz, RGS; Sapucaia Do Sul, RGS; Ituiutaba, MG.
CONTACT PERSON: Stefan Wenzel, Export Dir.
Industrial soy oil.

INDUSTRIAS J.B. DUARTE S.A.*
Rua dos Patriotas, 1382, Sao Paulo, 04207,
Ph. 274.8211, TLX: 01121226 (IJBD BR);
CONTACT PERSON: Archimedes Jorge Cortellazzi, Dir.
Industrial soy oil.

OLVEBRA S.A. INDUSTRIA E COMERCIO DE OLEOS VEGETAIS*
Praca Osvaldo do Cruz 15-16° andar,
Porto Alegre, RS.
Ph. 21-2200; TLX: 1225 (OLVE BR)
CONTACT PERSON: Hans Hajo Grun, Comm. Dir.
Industrial soy oil.

REFINADORA DE OLEOS BRASIL S.A.*
Av. Paulista, 2073-Conj. Horsa II, 2nd Flr.,
Sao Paulo, S.P., 01311, Ph. 287-3122;
TLX: 32042 (NEVA BR) and 23827 (ROBR BR);
CONTACT PERSON: C.A. Walter or J.P. Mayor
Industrial soy oil.

RESEGUE INDUSTRIA E COMERCIO S.A.*
Rua Marie Paula, 88, Sao Paulo, 01319,
Ph. 259-2000; TLX: 24762 (IROV BR) or 25303 (IROV BR).
CONTACT PERSON: Elfiston Romaldo Valadares, Mgr.
Industrial soy oil.

CANADA

CANADA PACKERS, INC.*
30 Weston Rd., Toronto, Ont. M6N, 3P4,
Ph. 416-766-4311; TLX: 0622257.
CONTACT PERSON: D.J. Sommerville, Gen. Mgr., Edible Oils
Industrial soy oil.

MAPLE LEAF MONARCH CO.*
365 Evans Ave., Toronto, Ont. M8Z 5W7,
Ph. 416-252-5551; TLX: 06984560.
CONTACT PERSON: Be Nijhuis, Indus. Oil Mgr.
Industrial soy oil.

VICTORY SOYA MILLS LTD.*
Affiliate of Procter & Gamble Co., Cincinnati, OH, USA
333 Lake Shore Blvd. E.,
Toronto, Ont. M5A 1C2, Ph. 416-363-8771;
TLX: 06-219812, CABLE: VICTORY TOR.
CONTACT PERSON: B.S. Aitken, Gen. Mgr.
Industrial soy oil.

COLOMBIA

LA AMERICANA GRASAS Y ACEITES COMESTIBLES S.A.*
Carrera 1B, No. 47-12, Cali,
Ph. 422035 or 422641; TLX: 055706.
CONTACT PERSON: Luis Santamaria, Admin.
Industrial soy oil.

FAGRAVE S.A.*
Via 40 #53B-71, Barranquilla,
Ph. 316120; TLX: 33115 (AA2289).
CONTACT PERSON: Eduardo Rosas, Plt. Mgr.
Industrial soy oil.

ECUADOR

INDUSTRIAL ALES C.A.*
Caracas 138 y Salinas, Quito,
Ph. 230376; TLX: 2198 (ALESCA ED).
CONTACT PERSON: Patricio Alvarez, Gen. Mgr.
Industrial soy oil.

ENGLAND

BOCM SILCOCK LTD.*
BOCM Silcock House, Basing View,
Basingstoke, Hampshire RG212 EQ,
Ph. 29211; TLX: 858429.
CONTACT PERSON: J.S. Murray
Industrial soy oil.

FEDERAL REPUBLIC OF GERMANY

OELWERKE NOURY & VAN DER LANDE GmbH*
Industriestrasse 10, 4240 Emmerich/Rhein,
Ph. 02822-741.
CONTACT PERSON: H. Herten, Dir.
Industrial soy oil.

FINLAND

OLJYNPURISTAMO OY*
P.O. Box 15, SF-00811 Helsinki 81, Ph. 780155;
TLX: 121518 (OILML ST).
CONTACT PERSON: P. Karri, Mktg. Dir.
Industrial soy oil.

RAISION TEHTAAT*
Oy Kasviojy-Vaxtolje AB
SF-21200 Raisio, Ph. 780311;
TLX: 62140 (RAUL SF).
CONTACT PERSON: Heikki Siintola, Mgr. Foreign Dept.
Industrial soy oil.

INDIA

GODREJ SOAPS LTD.*
Pirojsha Nagar, Eastern Express Highway,
Vikhroli, Bombay, Maharashtra 400 079,
Ph. 584461 or 586861; TLX: 11-71480 (AVIX IN).
CONTACT PERSON: N.B. Godrej, Dir.
Industrial soy oil.

OSWAL AGRO MILLS LTD.*
107-108 Padma Tower-1, 5 Rajindra Place,
New Delhi 110008, Ph. 5715150, 5715317 or 5715103.
CONTACT PERSON: Abhey Kumar Oswal, Man. Dir. or K.L. Jain, Chief Exec.
Industrial soy oil.

PRESTIGE FOODS PVT. LTD.*
30, Jaora Compound, M.Y.H. Road,
Indore 452001 M.P., Ph. 4633, 21725 or 34014;
TLX: 0735 205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
Industrial soy oil.

VIPPY SOLVEX PRODUCTS PVT. LTD.
28 Industrial Area, A.B. Rd., Dewas 455-001
M.P., Ph. 581; TLX: 0732201 (VSP IN).
CONTACT PERSON: Prakesh Mutha, Mgr. Dir.
Industrial soy oil.

ISRAEL

ETZ HAZAYITH LTD.*
P.O. Box 193, PetahTikva, 49101, Ph. 9227171;
TLX: 341859 (ETZHL ILG).
CONTACT PERSON: P. Naor, Plant Mgr.
Industrial soy oil.

IZHAR OIL INDUSTRY OF ISRAEL LTD.*
P.O. Box 823, Tel-Aviv,
Ph. 242555; TLX: 33441 (OCEAN IL).
CONTACT PERSON: M. Mitelman, Dir.
Industrial soy oil.

TETH BETH LTD.*
P.O. Box 147, Petah Tikva 49101,
Ph. 913191; TLX: 341962 (TB IL).
CONTACT PERSON: Ezra Berger, Mgr.
Industrial soy oil.

ITALY

INDUSTRIE CHIMICHE ITALIA CENTRALE S.p.A. (ICIC)*
Molo Sud, Zona Industriale, Ancona,
Ph. 55771; TELEGRAPH: ICIC Ancona;
TLX: 560035 (ICIC A) - 560866 (ICIC B).
CONTACT PERSON: Fabio Russo, Asst. Gen. Mgr.
Industrial soy oil.

ITALIANA OLII E RISI S.p.A.
Via Romolo Gessi, 20, Ravenna, 48100,
Ph. 31222; TLX: 550077 (IORRA I).
Other plants: Porto Corsini, Ravenna; Porto Marghera, Venice; Aprilia, Latina.
CONTACT PERSON: Stefano Ghirardini, Tech. Dir.
Industrial soy oil.

LIQUIFARM-GRUPPO INDUSTRIE ALIMENTARI S.p.A. IN AMMINISTRAZIONE STRAORDINARIA*
Via L da Vinci 19, Livorno, Ph. 34731;
TLX: 500053; CABLE: GIAMIX.
CONTACT PERSON: Erminio Cipolla, Plant Mgr.
Industrial soy oil.

S.I.O. S.p.A.*
Via Farini, N. 56, Modena, 41100, Ph. 22 2571;
TLX: 510138 (CIO MO I).
CONTACT PERSON: Paolo Domenichini, Admn.
Industrial soy oil.

JAPAN

AJINOMOTO CO. INC.*
5-8, 1-Chome, Kyobashi, Chuo-ku, Tokyo,
Ph. 272-1111.
CONTACT PERSON: N. Mizoguchi, Plant Mgr.
Industrial soy oil.

HOHNEN OIL CO. LTD.*
Mitsui Life Insurance Bldg., 1-2-3 Ohtemachi,
Chiyoda-ku, Tokyo, Ph. 211-6511;
Industrial soy oil.

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
Industrial soy oil.

KOREA

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Ph. 633-3921; TLX: K27334 (DBCORP).
CONTACT PERSON: Myoungsoo Shin, Pres.
Industrial soy oil.

MEXICO

ACEITERA MATAMOROS S.A. DE C.V.*
Av. Uniones S/N, Zona Industrial,
H. Matamoros, Tamaulipas, C.P. 87310,
Ph. 38942, 38943 or 38959;
TLX: 35016 (AMAT ME).
CONTACT PERSON: Pablo R. Penaloza, Mgr.
Industrial soy oil.

**ACEITES Y DERIVADOS
DEL PACIFICO, S.A. DE C.V.***
Km. 2125, Carretera Hermosillo-Nogales,
Hermosillo, Sonora, Ph. 42215; TLX 058854
CONTACT PERSON: Jose L. Aguilar, Gen. Mgr.
Industrial soy oil.

**FABRICA DE JABON
LA CORONA S.A. DE C.V.***
Apartado Postal 890, Zona Industrial No. 2,
Ciudad Obregon, Sonora 85000,
Ph. 34690; TLX: 552839 (FJCOBR).
CONTACT PERSON: Alfredo Garcia Serrato,
Prod. Mgr.
Industrial soy oil.

INDUSTRIAL DE ALIMENTOS S.A.*
Pontiente 146 No. 789, Col. Industrial Vallejo,
Deleg. Azcapotzalco, 02300, D.F.,
Ph. 5674022 or 5679475
CONTACT PERSON: Felipe Suberbie, Gen. Mgr.
Industrial soy oil.

INDUSTRIAS CONASUPO S.A. DE C.V.*
**Subsidiary of Compania Nacional
De Subsistencias Populares**
Km. 11.5 Carretera A. San Luis R.C. Sonora,
Mexicali, Baja, California, Ph. 68761 AL 64;
TLX: 569802 (ICMX ME).
CONTACT PERSON: Ruben Parada, Comm. Dir.
Industrial soy oil.

LA PALMA S.A.*
Sidar y Rovirosa, No. 158, Mexico 9 D.F.,
Ph. 20374.
CONTACT PERSON: P. Villarreal, Mgr.
Industrial soy oil.

LA POLAR*
Av. Manuel Gonzales 165, Mexico 3, D.F.,
Ph. 5833845, TLX: 1772498 (POLA ME).
CONTACT PERSON: Diego Gutierrez, Pres.
Industrial soy oil.

NORWAY

A/S DE-NO-FA OG LILLEBORG FABRIKER*
Sandakerveien 56, Oslo, Ph. 22-00-50;
TLX: 71181; Plant at: Fredrikstad.
CONTACT PERSON: Arild Hemstad
Industrial soy oil.

PERU

SINDI S.A.*
Av. Central 643-10° Pisa, San Isidro 11239,
Lima 14, Ph. 415283, TLX: 21187 (PE SINDI).
CONTACT PERSON: Cristobal Rosas Zorrilla,
Gen. Mgr.
Industrial soy oil.

PHILIPPINES

UNIVERSAL ROBINA CORPORATION*
E. Rodriguez Ave., Bangong Ilog, Pasig, Metro
Manila, Ph. 602259, TLX: 3828 (CFCURC PN).
CONTACT PERSON: Henry L. Go, Sr. VP
Industrial soy oil.

SWITZERLAND

SAIS*
Affiliate of Unilever NV Rotterdam
Forrlibuckstrasse 10, CH-8031, Zurich,
Ph. 444471. TLX: 822752 (SAIS ZH).
CONTACT PERSON: Walter H. Hefti, Chrm.
Industrial soy oil.

THAILAND

**NAKORNCHAISRI OIL
INDUSTRIAL CO. LTD.***
829-835 Opp. Talad Plu Railway Station,
Dhonburi, Bangkok 10600,
Ph. 465-0659, 466-0529, 466-1014 or 472-1197.
CONTACT PERSON: Vichit Vitayathanagorn,
Mgr. Dir.
Industrial soy oil.

VENEZUELA

**EXTRACTORA NACIONAL
DE OLEAGINOSAS S.A. (ENDOSA)**
Protinal CA, P.O. Box 83, Valencia, Ph. 34 20 11;
Plant at: El Morro, Valencia.
CONTACT PERSON: Omar Hernandez
Industrial soy oil.

PAINTS & VARNISHES

UNITED STATES

E.I. DU PONT DE NEMOURS & CO. INC.*
1007 Market St., Wilmington, DE 19898,
Ph. 302-774-2421.
Alkyd resin varnishes.

**GLIDDEN COATINGS AND RESINS
Div. SCM Corp.**
900 Union Commerce Bldg.,
Cleveland, OH 41115, Ph. 216-344-8000.
CONTACT PERSON: Jerald M. Amato
Paints, varnishes and lacquers.

PPG INDUSTRIES INC.
One Gateway Center, Pittsburgh, PA 15222,
Ph. 412-434-3131; TLX: 866570.
Paints, varnishes and lacquers.

SHERWIN-WILLIAMS CO.
Cleveland, OH 44115, Ph. 216-566-2000.
Coatings, coating sundries, containers and specialty products.

SPENCER KELLOGG DIV.*
Textron Inc.
P.O. Box 807, Buffalo, NY 14240,
Ph. 716-852-5850
CONTACT PERSON: Robert J. Ray, Gen. Sls.
Mgr.
Complete line of refined soy oils for use in alkyd resins, etc., DRISOY drying soy oil, modified soy oils for protective coatings.

FEDERAL REPUBLIC OF GERMANY

OELWERKE NOURY
& VAN DER LANDE GmbH*
Industriestrasse 10, 4240 Emmerich/Rhein,
Ph. 02822-741.
CONTACT PERSON: H. Herten, Dir.
Oils for paints and varnishes.

INDIA

MALWA VANASPATI
& CHEMICAL COMPANY LTD.
1, Mohatta Nagar, Indore-452 003, M.P.,
Ph. 6353, 6354, 6355; TLX: 0735 228 (MVCC IN).
CONTACT PERSON: B.S. Mohatta, Chrm.
Paints and varnishes.

PHILIPPINES

UNIVERSAL ROBINA CORPORATION*
E. Rodriguez Ave., Bagong Ilog, Pasig, Metro Manila, Ph. 602259; TLX: 3828 (CFCURC PN).
CONTACT PERSON: Henry L. Go, Sr. VP
Paints, varnishes.

RESINS

UNITED STATES

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg.,
Cleveland, OH 44115, Ph. 216-344-8000;
CONTACT PERSON: Leonard S. Milazzo, VP Mgr./Eng.
Resins.

HENKEL CORPORATION*
7900 W. 78th St., Minneapolis, MN 55435,
Ph. 612-830-7837; TLX: 290472.
CONTACT PERSON: Stanley A. Bingham, Dir. Prod. Mgrs.
Resins.

RALSTON PURINA CO.*
Checkerboard Square, St. Louis, MO 63134,
Ph. 314-982-1000 or 800 325-7137.
CONTACT PERSON: Paul Mitchell, Dir. Polymer Mktg.
Resins.

REICHHOLD CHEMICALS INC.
White Plains, NY 10603,
Ph. 914-682-5700; TWX: 710-568-1373.
Alkyd resins.

SPENCER KELLOGG DIV.*
Textron Inc.
P.O. Box 807, Buffalo, NY 14240,
Ph. 716-852-5850.
CONTACT PERSON: Robert J. Ray, Gen. Sls. Mgr.
Resins.

BRAZIL

PERDIGAO ALIMENTOS S.A.*
Av. Nossa Senhora da Paz 722, 05349 Sao Paulo, SP, Ph. 2688188; TLX: 1123506 (PERD BR).
CONTACT PERSON: Juarez A. Leoni, Sls. Mgr.
Resins.

JAPAN

HOHNEN OIL CO. LTD.*
Mitsui Life Insurance Bldg., 1-2-3 Ohtemachi, Chiyoda-ku, Tokyo, Ph. 211-6511.
Synthetic resin adhesives.

PHILIPPINES

UNIVERSAL ROBINA CORPORATION*
E. Rodriguez Ave., Bagong Ilog, Pasig, Metro Manila, Ph. 602259; TLX: 3828 (CFCURC PN).
CONTACT PERSON: Henry L. Go, Sr. VP
Resins.

SOAPS

BRAZIL

INDUSTRIAS J.B. DUARTE S.A.*
Rua dos Patriotas, 1382, Sao Paulo, 04207,
Ph. 274.8211, TLX: 01121226 (IJBD BR);
CONTACT PERSON: Archimedes Jorge Cortellazzi, Dir.
Soaps.

MINASA*
Caixa Postal 1101, Campinas, S.P. 13.100,
Ph. 42-1966; TLX: 019-1043 (MINA BR);
CONTACT PERSON: John B. Sieh, Gen. Mgr.
Soaps.

PERDIGAO ALIMENTOS S.A.*
Av. Nossa Senhora da Paz 722, 05349 Sao Paulo SP, Ph. 2688188; TLX: 1123506 (PERD BR).
CONTACT PERSON: Juarez A. Leoni, Sls. Mgr.
Soaps.

PRODUTOS ALIMENTICIOS DAS INDUSTRIAS GESSY LEVER LTDA.*
Divisao de Van den Bergh
Av. Vereador Josa Diniz, 3530,
Caixa Postal 60.091, Sao Paulo 01000,
Ph. 542-6111; TLX: 22795.
CONTACT PERSON: Samuel Aguirre Diaz, Tech. Dir.
Soaps.

REFINADORA DE OLEOS BRASIL S.A.*
Av. Paulista, 2073-Conj. Horsa II, 2nd Flr.,
Sao Paulo, S.P., 01311, Ph. 287-3122;
TLX: 32042 (NEVA BR) and 23827 (ROBR BR);
CONTACT PERSON: C.A. Walter or J.P. Mayor
Soaps.

RESEGUE INDUSTRIA E COMERCIO S.A.*
Rua Marie Paula, 88, Sao Paulo, 01319,
Ph. 259-2000; TLX: 24762 (IROV BR) or 25303 (IROV BR).
CONTACT PERSON: Elfiston Romaldo Valadares, Mgr.
Soaps.

S.A. MOINHOS RIO GRANDENSES (SAMRIG)
Rua da Conceicao, 195, Porto Alegre, RGS,
Ph. 24-1033; TLX: 028778 (SAMRIG PAE).
GLISAM glycerin and soapstock.

COLOMBIA

LA AMERICANA GRASAS Y ACEITES COMESTIBLES S.A.*
Carrera 1B, No. 47-12, Cali,
Ph. 422035 or 422641; TLX: 055706.
CONTACT PERSON: Luis Santamaria, Admin.
Soaps.

FAGRAVE S.A.*
Via 40 #53B-71, Barranquilla,
Ph. 316120; TLX: 33115 (AA2289).
CONTACT PERSON: Eduardo Rosas, Plant Mgr.
Soaps.

DOMINICAN REPUBLIC

SOCIEDAD INDUSTRIAL DOMINICANA C.A.*
P.O. Box 726, Santo Domingo, Ph. 5651323;
TLX: ITT 3460021 and RCA 3264210 (INDOCA).
CONTACT PERSON: Otto W. Bauer, Asst. Admn.
Soaps.

ECUADOR

INDUSTRIAS ALES C.A.*
Caracas 138 y Salinas, Quito,
Ph. 230376; TLX: 2198 (ALESCA ED).
CONTACT PERSON: Patricio Alvarez, Gen. Mgr.
Soaps.

OLEICA S.A.*
Km. 6½, Via a Daule, Casilla 3228,
Guayaquil, Ph. 351300; TLX: 3234 (OLJACE ED).
CONTACT PERSON: Francisco Molano, Tech. Dir.
Soaps.

INDIA

FOODS FATS & FERTILIZERS LTD.*
Post Box No. 15, Tanuku Road,
Tadepalligudem 534101, Andhra Pradesh,
Ph. 2571, 2525 or 2363.
CONTACT PERSON: Sushil Goenka, VP, Production.
Soaps.

MALWA VANASPATI & CHEMICAL COMPANY LTD.
1, Mohatta Nagar, Indore-452 003, M.P.,
Ph. 6353, 6354, 6355; TLX: 0735 228 (MVCC IN).
CONTACT PERSON: B.S. Mohatta, Chrm.
Soaps.

OSWAL AGRO MILLS LTD.*
107-108 Padma Tower-1, 5 Rajindra Place,
New Delhi 110008, Ph. 5715150, 5715317 or 5715103.
CONTACT PERSON: Abhey Kumar Oswal, Man. Dir. or K.L. Jain, Chief Exec.
Soaps.

RASOI LTD.*
20 Sir R.N. Mukherjee Road, W. Bengal, 70001,
Ph. 230114; TLX: 0212904 (RASO IN).
CONTACT PERSON: P.N. Kapoor, Pres.
Soaps.

ISRAEL

IZHAR OIL INDUSTRY OF ISRAEL LTD.*
P.O. Box 823, Tel-Aviv,
Ph. 242555; TLX: 33441 (OCEAN IL).
CONTACT PERSON: M. Mitelman, Dir.
Soaps.

SHEMEN INDUSTRIES LTD.
P.O. Box 136, Haifa 31000, Ph. 670491;
TLX: 46776 (KFOOD IL).
CONTACT PERSON: Z. Neumann, Mktg. Dir.
Soaps.

TETH BETH LTD.*
P.O. Box 147, Petah Tikva 49101,
Ph. 913191; TLX: 341962 (TB IL).
CONTACT PERSON: Ezra Berger, Mgr.
Soaps.

MEXICO

ACEITES Y DERIVADOS DEL PACIFICO, S.A. DE C.V.*
Km. 2125, Carretera Hermosillo-Nogales,
Hermosillo, Sonora, Ph. 42215; TLX: 058854.
CONTACT PERSON: Jose L. Aguilar, Gen. Mgr.
Soaps.

FABRICA DE JABON LA CORONA S.A. DE C.V.*
Apartado Postal 890, Zona Industrial No. 2,
Ciudad Obregon, Sonora, 85000,
Ph. 34690; TLX: 552839 (FJCOBR).
CONTACT PERSON: Alfredo Garcia Serrato, Prod. Mgr.
Soaps.

GRASAS VEGETALES, S.A.
Limon 1139, Col. del Fresno, Guadalajara, Jal.,
44900, Ph. 36 12 1980; TLX: 068-1708 (GVSA ME).
CONTACT PERSON: Adela Aguilar Miranda, Chem. Engr.
Soaps.

INDUSTRIAL JABONERA
LA ESPERANZA S.A.*
Valores Modernos SA, Fte. a la Estacion de los FFCC, Gomez Palacio, Durango,
Ph. 40144; TLX: 032887.
CONTACT PERSON: Aureliano Alatorre M., Gen. Mgr.
Soaps.

INDUSTRIAS CONASUPO S.A. DE C.V.*
Subsidiary of Compania Nacional
De Subsistencias Populares
Km. 11.5 Carretera A. San Luis R.C. Sonora, Mexicali, Baja California, Ph. 68761 AL 64;
TLX: 569802 (ICMX ME).
CONTACT PERSON: Ruben Parada, Comm. Dir.
Soaps.

MOROCCO

LES HUILERIES DE MEKNES*
B.P. 2021 Sidi Said, Meknes,
Ph. 531482; TLX: 41034 (HUILMEK).
CONTACT PERSON: Eddaoudi Hassan, Mgr. Dir.
Soaps.

PERU

COMPANIA OLEAGINOSA DEL PERU S.A.*
Casilla 2965, Lima 100,
Ph. 52-5570; TLX: 036-25418 (PE FABRIL).
CONTACT PERSON: Augusto Echecopar, Mgr. Dir.
Soaps.

SINDI S.A.*
Av. Central 643-10° Piso, San Isidro 11239,
Lima 14, Ph. 415283; TLX: 21187 (PE SINDI).
CONTACT PERSON: Cristobal Rosas Zorrilla, Gen. Mgr.
Soaps.

PHILIPPINES

UNIVERSAL ROBINA CORPORATION*
E. Rodriguez Ave., Bagong Ilog, Pasig, Metro Manila, Ph. 602259; TLX: 3828 (CFCURC PN).
CONTACT PERSON: Henry L. Go, Sr. VP
Soaps.

THAILAND

INDUSTRIAL ENTERPRISES CO. LTD.
179 Surawongse Rd., Bangkok, Ph. 2354855-9.
Plant at: Pak Kret, Nonthaburi.
CONTACT PERSON: Prasopporn Patayakul, Head of Section.
Soaps.

VENEZUELA

C.A. GRASAS DE VALENCIA*
Av. Henry Ford, Zona Industrial Sur.,
Valencia, Ph. 332022; TLX: 41352
CONTACT PERSON: Josu Urresti
Soaps.

SOY STEROLS & TOCOPHEROLS

UNITED STATES

DISTILLATION PRODUCTS INDUSTRIES*
P.O. Box 511, Kingsport, TN 37662,
Ph. 615-229-4664; TLX: 553450 (TEC ECPI KSTA);
TWX: 810-574-5174 (TEC ECPI KPT).
CONTACT PERSON: T.R. Fields, Purchasing Engr.
Vitamin E, alpha and mixed tocopherols and concentrated vegetable sterol.

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg.,
Cleveland, OH 44115, Ph. 216-344-8000.
CONTACT PERSON: Leonard S. Milazzo, VP Mgr./Eng.
Soy sterols and tocopherols

HENKEL CORPORATION*
7900 W. 78th St., Minneapolis, MN 55435,
Ph. 612-830-7837; TLX: 290472.
Plant at: Kankakee, IL.
CONTACT PERSON: Walter Whitehill, Dir. of Mktg. & Sls.
Soya sterols, tocopherols and natural vitamin E.

BRAZIL

INDUSTRIAS J.B. DUARTE S.A.*
Rua dos Patriotas, 1382, Sao Paulo, 04207,
Ph. 274-8211, TLX: 01121226 (IJBD BR);
CONTACT PERSON: Archimedes Jorge Cortellazzi, Dir.
Soy sterols and tocopherols.

OLVEBRA S.A.-INDUSTRIA
E COMERCIO DE OLEOS VEGETAIS*
Praca Osvaldo do Cruz 15-16° andar,
Porto Alegre, RS.
Ph. 21-2200; TLX: 1225 (OLVE BR).
CONTACT PERSON: Hans Hajo Grun, Comm. Dir.
Soy sterols and tocopherols.

PERDIGAO ALIMENTOS S.A.*
Av. Nossa Senhora da Paz 722, 05349 Sao Paulo SP, Ph. 2688188; TLX: 1123506 (PERD BR).
CONTACT PERSON: Juarez A. Leoni, Sls. Mgr.
Soy sterols and tocopherols.

INDIA

PRESTIGE FOODS PVT. LTD.*
30, Jaora Compound, M.Y.H. Road, Indore 452001 M.P., Ph. 4633, 21725 or 34014;
TLX: 0735 205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
Soy sterols and tocopherols.

ITALY

INDUSTRIE CHIMICHE
ITALIA CENTRALE S.p.A. (ICIC)*
Molo Sud, Zona Industriale, Ancona,
Ph. 55771, TELEGRAPH: ICIC Ancona,
TLX: 560035 (ICIC A) - 560866 (ICIC B)
CONTACT PERSON: Fabio Russo, Asst. Gen. Mgr.
Soy sterols and tocopherols.

ITALIANA OLII E RISI S.p.A.
Via Romolo Gessi, 20, Ravenna, 48100,
Ph. 31222; TLX: 550077 (IORRA I).
Other plants: Porto Corsini, Ravenna; Porto Marghera, Venice; Aprilia, Latina.
CONTACT PERSON: Stefano Ghirardini, Tech. Dir.
Soy sterols and tocopherols.

S.I.O. S.p.A.*
Via Farini, N. 56, Modena, 41100, Ph. 22 2571;
TLX: 510138 (SIO MO I).
CONTACT PERSON: Paolo Domenichini, Admn.
Soy sterols and tocopherols.

JAPAN

AJINOMOTO CO. INC.*
5-8, 1-Chome, Kyobashi, Chuo-ku, Tokyo,
Ph. 272-1111.
CONTACT PERSON: N. Mizoguchi, Plant Mgr.
Soy sterols and tocopherols.

HOHNEN OIL CO. LTD.*
Mitsui Life Insurance Bldg., 1-2-3 Ohtemachi,
Chiyoda-ku, Tokyo, Ph. 211-6511;
Soy tocopherols.

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
Soy sterols and tocopherols.

NETHERLANDS

CARGILL B.V.*
Affiliate of Cargill Inc.,
Minneapolis, MN, USA
Coenhavenweg 2, Box 8074,
1005 AB Amsterdam, Ph. 803-803; TLX: 14081.
CONTACT PERSON: Eef Paalvast, Merch. Mgr.
Soy sterols and tocopherols.

SOYBEAN FATTY ACIDS

UNITED STATES

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg.,
Cleveland, OH 41115, Ph. 216-344-8000.
CONTACT PERSON: Leonard S. Milazzo, VP Mfg./Eng.
Soybean fatty acids.

EMERY INDUSTRIES*
1300 Carew Tower, Cincinnati, OH 45202,
Ph. 513-762-6200; TWX: 810-461-2412.
EMERY 610 soya fatty acid. EMERSOL 315 linoleic acid by EMERSOL process for separation of liquid and solid components of soya fatty acids by selective solvent crystalization.

A. GROSS & CO.
Mill-Master Onyx Group, Inc.
P.O. Box 818, Newark, NJ 07101,
Ph. 201-344-0900.
CONTACT PERSON: Doug Manning, Dir. Mkt. & Sales
Soybean fatty acids.

HENKEL CORPORATION*
7900 W. 78th St., Minneapolis, MN 55435,
Ph. 612-830-7837; TLX: 290472.
CONTACT PERSON: Larry M. Mechelke, Mgr. Cust. Serv.
Soybean fatty acids.

INDUSTRIAL PRODUCTS GROUP*
Stokely-Van Camp Inc.
525 W. 1st Ave., P.O. Box 569,
Columbus, OH 43215, Ph. 614-299-3131;
TLX: 245494.
CONTACT PERSON: M. J. Hein, VP
CAPITAL 172 distilled and CAPITAL 182 double distilled soy fatty acids.

C.F. SIMONIN'S SONS INC.
Belgrade and Tioga St., Philadelphia, PA 19134
Ph. 215-426-2300.
CONTACT PERSON: W. J. Lewis, Exec. VP
Soybean fatty acids.

ARGENTINA

MOLINOS RIO DE LA PLATA S.A.*
Paseo Colon 746, Buenos Aires, 1323,
Ph. 30-8463, 30-8485, 33-3002 or 33-3003;
TLX: 22270 (MRPSA AR).
CONTACT PERSON: Nolly Sirkis, Div. Mgr.
Soybean fatty acids.

SOCIEDAD ANONIMA FABRICAS Y REFINERIAS DE ACEITES (SAFRA)*
Av. de Mayo 633, Piso 4°, Buenos Aires 1084,
Ph. 34-6154 or 34-4804; TLX: 21096 (SAFRA AR) or 17847 (SAFRA AR).
CONTACT PERSON: Eduardo Colombo, Mgr.
Soybean fatty acids.

BELGIUM

VANDEMOORTELE N.V.*
Prins Albertlaan 12, Izegem 8700,
Ph. 302222 or 303838; TLX: 81622 (VAMO B).
CONTACT PERSON: J. Claerhout, Sales Mgr.
Soybean fatty acids.

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BRAZIL

BRASWEY S.A. INDUSTRIA E COMERCIO*
Rua Enxovia, 423 Sto. Amaro, 04711 Sao Paulo,
Ph. 548-5500, TLX: 22427.
CABLE: BRASWEYCO
CONTACT PERSON: Liu Shun Ku, Exec. Dir.
Soybean fatty acids.

INDUSTRIAS J.B. DUARTE S.A.*
Rua dos Patriotas, 1382, Sao Paulo, 04207,
Ph. 274-8211, TLX: 01121226 (IJBD BR);
CONTACT PERSON: Archimedes Jorge Cortellazzi, Dir.
Soybean fatty acids.

MIRACEMA NUODEX S.A.
INDUSTRIAS QUIMICAS*
Rodovia Santos Dumont, Km. 4, 125,
Campinas 13100, Ph. 32-2700; TLX: 1201.
CONTACT PERSON: Otto Rohr, Pres.
Soybean fatty acids.

PERDIGAO ALIMENTOS S.A.*
Av. Nossa Senhora da Paz 722, 05349 Sao Paulo
SP, Ph. 2688188; TLX: 1123506 (PERD BR).
CONTACT PERSON: Juarez A. Leoni, Sls. Mgr.
Soybean fatty acids.

REFINADORA DE OLEOS BRASIL S.A.*
Av. Paulista, 2073-Conj. Horsa II, 2nd Flr.,
Sao Paulo, S.P., 01311, Ph. 287-3122;
TLX: 32042 (NEVA BR) and 23827 (ROBR BR);
CONTACT PERSON: C.A. Walter or J.P. Mayor
Soybean fatty acids.

RESEGUE INDUSTRIA E COMERCIO S.A.*
Rua Maria Paula, 88, Sao Paulo, 01319,
Ph. 259-2000; TLX: 24762 (IROV BR) or 25303 (IROV BR).
CONTACT PERSON: Elfiston Romaldo Valadares, Mgr.
Soybean fatty acids.

CANADA

MAPLE LEAF MONARCH CO.*
365 Evans Ave., Toronto, Ont. M8Z 5W7,
Ph. 416-252-5551; TLX: 06384560.
CONTACT PERSON: Be Nijhuis, Indus. Oil Mgr.
Soybean fatty acids.

DENMARK

DANSK SOJAKAGEFABRIK A.p.S.*
24, Islands Brygge, DK-2300 Copenhagen S,
Ph. 546600; TLX: 31313 (DASOY DK).
CONTACT PERSON: Mogens Kjaer, Gen. Mgr.
Soybean fatty acids.

FEDERAL REPUBLIC OF GERMANY

HARBURGER OELWERKE BRINCKMAN & MERGELL*
Seehafenstrasse 2, D-2100 Hamburg,
Hamburg 90, Ph. 771140; TLX: 02-17681.
CONTACT PERSON: Walter Zech, Sls. Dir.
Soybean fatty acids.

FINLAND

RAISION TEHTAAT*
Oy Kasviojy-Vaxtolje AB
SF 21200 Raisio,
Ph. 780311; TLX: 62140 (RAUL SF)
CONTACT PERSON: Heikki Siintola, Mgr., Foreign Dept.
Distilled fatty acids.

HAITI

SOCIETE D'EXPLOITATION D'OLEAGINEUX (SODEXOL)*
S.A.M. Laffiteau, P.O. Box 13460,
Delmas, Port au Prince, Ph. 20444, 24582, 24589;
TLX: 2030438 (SODEXOL)
CONTACT PERSON: Eliezer Bashan.
Soybean fatty acids.

INDIA

FOODS FATS & FERTILISERS LTD.*
Post Box No. 15, Tanuku Road, Tadepalligudem
534101, Andhra Pradesh, Ph. 2571, 2525 or 2363.
CONTACT PERSON: Sushil Goenka, VP, Production
Soybean fatty acids.

GODREJ SOAPS LTD.*
Pirojsha Nagar, Eastern Express Highway,
Vikhroli, Bombay, Maharashtra 400 079,
Ph. 584461 or 586861; TLX: 11-71480 (AVIX IN).
CONTACT PERSON: N.B. Godrej, Dir.
Soybean fatty acids.

OSWAL AGRO MILLS LTD.*
107-108 Padma Tower-1, 5 Rajindra Place,
New Delhi 110008, Ph. 5715150, 5715317 or 5715103.
CONTACT PERSON: Abhey Kumar Oswal, Man. Dir. or K.L. Jain, Chief Exec.
Soybean fatty acids.

ISRAEL

IZHAR OIL INDUSTRY OF ISRAEL LTD.*
P.O. Box 823, Tel-Aviv,
Ph. 242555; TLX: 33441 (OCEAN IL).
CONTACT PERSON: M. Mitelman, Dir.
Soybean fatty acids.

SHEMEN INDUSTRIES LTD.
P.O. Box 136, Haifa 31000, Ph. 670491;
TLX: 46776 (KFOOD IL).
CONTACT PERSON: Z. Neumann, Mktg. Dir.
Soybean fatty acids.

TETH BETH LTD.*
P.O. Box 147, Petah Tikva 49101,
Ph. 913191; TLX: 341962 (TB IL).
CONTACT PERSON: Ezra Berger, Mgr.
Soybean fatty acids.

ITALY

INDUSTRIE CHIMICHE ITALIA CENTRALE S.p.A. (ICIC)*
Molo Sud, Zona Industriale, Ancona,
Ph. 55771; TELEGRAPH: ICIC Ancona;
TLX: 560035 (ICIC A) - 560866 (ICIC B).
CONTACT PERSON: Fabio Russo, Asst. Gen. Mgr.
Soybean fatty acids.

ITALIANA OLII E RISI S.p.A.
Via Romolo Gessi, 20, Ravenna, 48100,
Ph. 31222; TLX: 550077 (IORRA I).
Other plants: Porto Corsini, Ravenna; Porto Marghera, Venice; Aprilia, Latina.
CONTACT PERSON. Stefano Ghirardini, Tech Dir.
Soybean fatty acids.

S.I.O. S.p.A.*
Via Farini, N. 56, Modena, 41100, Ph. 22 2571;
TLX: 510138 (SIO MO I).
CONTACT PERSON: Paolo Domenichini, Admn.
Soybean fatty acids.

JAPAN

THE NISSHIN OIL MILLS, LTD.*
23-1, 1-Chome, Shinkawa, Chuo-ku, Tokyo,
Ph. 555-6923.
CONTACT PERSON: T. Okumori, Plant Mgr.
Soybean fatty acids.

KOREA

CHEIL SUGAR CO. LTD.
23rd Flr., Samsung Main Bldg. 250, 2-Ka,
Taepyung-Ro, Chung-Ku, Seoul, Ph. 28-7533;
TLX: K23762.
CONTACT PERSON: M. Y. Yoo, Plant Mgr.
Soybean fatty acids.

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Ph. 633-3921; TLX: K27334 (DB CORP).
CONTACT PERSON: Myoungsoo Shin, Pres.
Soybean fatty acids.

MEXICO

ACEITES Y DERIVADOS DEL PACIFICO, S.A. DE C.V.*
Km. 2125, Carretera Hermosillo-Nogales,
Hermosillo, Sonora, Ph. 42215; TLX: 058854.
CONTACT PERSON: Jose L. Aguilar, Gen. Mgr.
Soybean fatty acids.

GALLETERA MEXICANA S.A. (GAMESA)
Ciudad Obregon, Sonora.
CONTACT PERSON: Jose Arturo Zablah Kuri, Plng. Dir.
Soybean fatty acids.

GRASAS VEGETALES, S.A.
Limon 1139, Col. del Fresno, Guadalajara, Jal.,
44900, Ph. 12-1980; TLX: 0681708 (GVSA ME).
CONTACT PERSON: Adela Aguilar Miranda, Chem. Engr.
Soybean fatty acids.

NETHERLANDS

CARGILL B.V.*
Affiliate of Cargill Inc.,
Minneapolis, MN, USA
Coenhavenweg 2, Box 8074,
1005 AB Amsterdam, Ph. 803-803; TLX: 14081.
CONTACT PERSON: Eef Paalvast, Merch. Mgr.
Soybean fatty acids.

PERU

COMPANIA OLEAGINOSA DEL PERU S.A.*
Casilla 2965, Lima 100,
Ph. 52-5570; TLX: 036-25418 (PE FABRIL).
CONTACT PERSON: Augusto Echecopar, Mgr. Dir.
Soybean fatty acids.

SWITZERLAND

SAIS*
Affiliate of Unilever NV Rotterdam
Forrlibuckstrasse 10, CH-8031, Zurich,
Ph. 444471; TLX: 822752 (SAIS ZH).
CONTACT PERSON: Walter H. Hefti, Chrmn.
Soybean fatty acids.

TAIWAN

CHIA FHA INDUSTRY CO. LTD.*
45 Sha-Tyan Rd., Sha Lu Taichung, Ph. 362111.
CONTACT PERSON: Yau-Kuen Hung, Board Dir.
Soybean fatty acids.

GREAT WALL ENTERPRISES CO. LTD.
8th Floor, 310 Sec. 4, Chung Hsiao E. Rd.,
Taipei, Ph. 7315761-5.
CONTACT PERSON: S. C. Yang, Mgr.
Soybean fatty acids.

THAILAND

NAKORNCHAISRI OIL INDUSTRIAL CO. LTD.*
829-835 Opp. Talad Plu Railway Station,
Dhonburi, Bangkok 10600,
Ph. 465-0659, 466-0529, 466-1014 or 472-1197.
CONTACT PERSON: Vichit Vitayathanagorn, Mgr. Dir.
Soybean fatty acids.

UNITED ARAB EMIRATES

UNITED FOODS LTD.*
Al-Owais Bldg., 104 Flat, Naser Square,
P.O. Box 5503, Deira, Dubai,
Ph. 223214/5/6; TLX: 46689 (VEGOIL EM).
CONTACT PERSON: M.H.U. Jung, Gen. Mgr.
Soybean fatty acids.

Exporters/Importers

*Updated listing

A/S DE-NO-FA OG LILLEBORG FABRIKER*
Sandakerveien 56, Oslo, Norway, Ph. 22-00-50;
TLX: 71181; Plant at: Fredrikstad.
CONTACT PERSON: Arild Hemstad
Crude degummed, refined and hardened soy oil.

ACEITERIAS REUNIDAS DE LAVANTE S.A. (ARLESA)*
Paseo de la Castellana, 143, Madrid 16, Spain,
Ph. 2796300.
CONTACT PERSON: Jan Van Kesteren, Trader
Soybean oil.

ACEITES Y PROTEINAS S.A. (ACEPROSA)*
Repelega, Portugalete, Vizcaya, Spain,
Ph. 425-4500; TLX: 32753.
CONTACT PERSON: Juan Leguina, Sls. Mgr.
Crude degummed, fully refined oil and lecithin.

AG PROCESSING INC.*
2145 One First National Center,
Omaha, NE 68102. Ph. 402-444-3685.
CONTACT PERSON: Joseph Meyer, VP Oils & Meal Exports
Soy meal and oil.

AG-WORLD EXPORTS*
1009 W. Washington St., P.O. Box 3337,
Bloomington, IL 61701, Ph. 309-827-3484;
TWX: 510-352-2171 (AG WORLD).
CONTACT PERSON: Eff Embree, Mgr. Dir.
Agricultural equipment, food products, live swine, dairy and beef cattle, goats, sheep, horses, and other types of live animals.

AGRICULTURAL EXPORTS, INC.*
411 5th St., P.O. Box 178, Hudson, IA 50643,
Ph. 319-988-4593; TLX: 465653 (SOYP ROSK CFLS); CABLE: AGRIPORT.
CONTACT PERSON: Jeanne M. Strayer, VP
Soybeans for seed or food purposes, bulk or bagged, vegetable and field varieties, split dehulled soybeans for food purposes.

ALL SINCERE INDUSTRIAL CO. LTD. (ASIC)
38 Chung Shan Rd., Luchu, Kaohsiung 821,
Taiwan, Ph. 064-862201.
CONTACT PERSON: C.H. Tsai, Pres.
Soy meal.

AMERICAN FARMERS MARKETING COOPERATIVE*
131 Kraft St., P.O. Box 224,
Clarksville, TN 37040, Ph. 615-552-3846;
TLX: 705792 (AFMC UAD UD).
CONTACT PERSON: Thomas R. Chambers
Special variety, identity preserved soybeans.

AMERICAN LECITHIN CO.*
32-34 61st St., Woodside,
Long Island, NY 11377,
Ph. 212-274-4350; TLX: 26318.
CONTACT PERSON: M. Gillio, Exec. VP
Soybean lecithin and derivatives, lecithinated flours.

ARCHER DANIELS MIDLAND CO.*
P.O. Box 1470, Decatur, IL 62525,
Ph. 217-424-5453; Offices at: Galesburg and Granite City, IL; Fredonia, KS; Mankato, MN; Lincoln, NE.
CONTACT PERSON: Tim Malm
Soy meal, pellets, degummed, once refined and fully refined oil, flour, flakes, grits, lecithin, salad/cooking oil, shortening, margarine, meat analogs, sausage binders and textured soy proteins.

BALFOUR, MACLAINE INTERNATIONAL LTD.*
Wall St. Plaza, New York, NY 10005,
Ph. 212-425-2100;
TLX: 649195/423606 (BALRICE).
CONTACT PERSON: Donald G. O'Meara
Crude, degummed, soy oil and sunflower seed oil.

BARZEN INTERNATIONAL INC.
Stacy, MN 55079,
Ph. 612-462-4345; TLX: 29-0611.
CONTACT PERSON: Susie Wright
Seed soybeans, seed grains, other oilseeds, legumes and grasses, all varieties.

BIANCHINI S.A. IND. COM. E AGRICULTURA
Rua dos Andradas No. 1121-10th Flr.,
Porto Alegre, R.S., Brazil, 90.000,
Ph. 21.8777; TLX: 1848 or 1849;

Other locations: Rio Grande, R.S.; Canoa, R.S.
CONTACT PERSON: Arlindo Bianchini, Dir.
Toasted soy meal, crude degummed soy oil and soybean pellets in bulk.

BORDEAUX-OLEAGINEUX
Quai Alfred de Vial, 33530 Bassens, managed by Societe Francaise Bunge, H5, Ave. George V, 75008 Paris, France, Ph. 7230109; TLX: 614874.
CONTACT PERSON: Pierre Terrason, Dir.
Soy meal.

BRASWEY S.A. INDUSTRIA E COMERCIO*
Rue Enxovia, 423 Sto. Amaro,
04711 Sao Paulo, Brazil, Ph. 548-5500;
TLX: 22427; CABLE: BRASWEY CO.
CONTACT PERSON: Liu Shun Ku, Exec. Dir.
Soy meal, pellets, crude degummed, fully refined and hydrogenated oil.

BRITISH SOYA PRODUCTS LTD.*
Puckeridge, NR Ware, Hertfordshire, England
Ph. 821291; TLX: 81352.
CONTACT PERSON: J.H. Baker, Dir.
TRUSOY heat treated full-fat soy flour and BREDSOY, an enzyme active full-fat soy flour.

BROOKE BOND OXO (PTY.) LTD.*
159 Watt Rd., Pretoria 0002,
South Africa, Ph. 797050; TLX: 3-0647.
CONTACT PERSON: F.W. Lehmann, PD & QA Controller
TOPPERS SOYA MINCE and READY MEALS.

BUNGE CORP.*
One Chase Manhattan Plaza,
New York, NY 10005; Ph. 212-943-6600;
TLX: RCA 233554, ITT 420099; Offices at: Osceola and Pine Bluff, AR; Albany, Chicago, Cairo and Shawneetown, IL; Hutchinson, KS; Destrehan, LA; Duluth and Minneapolis, MN; Greenville, MS; Portland, OR; and Fort Worth, TX.
Soybeans, meal and crude, degummed, once refined and fully refined soy oil.

BUNGE EDIBLE OIL CO.*
P.O. Box 765, Kankakee, IL 60901,
Ph. 815-933-0600; Other locations: Chattanooga, TN, and Fort Worth, TX.
CONTACT PERSON: Jack Brady, VP
Salad/cooking oils, shortening and margarine.

CADUR TRADING CORP.
1037 N.W. 21st Terrace, Miami, FL 33127,
Ph. 305-635-0000;
TLX: 518952 (CADUR CORP MIA).
CONTACT PERSON: Luis A. Teijeiro, Export Dept. Mgr.
Fully refined soy oil and shortening.

CANADIAN VEGETABLE OIL PROCESSING*
Div. Canada Packers, Inc.
Victoria Ave. & Burlington St., P.O. Box 618,
Hamilton, Ont., L8N 3K7 Canada,
Ph. 416-527-9121; TLX: 061-8315.
CONTACT PERSON: Anton Donkers, Gen. Mgr.
Degummed soy oil.

CARGILL AGRICOLA S.A.*
Affiliate of Cargill, Inc.,
Minneapolis, MN, USA
Rua Olavo Bilac 157, Sao Paulo, 04671, Brazil,
Ph. 548.8122; TLX: 21268;
Other locations: Ponta Grossa, Parana; Mairingue, Sao Paulo; Monte Alto, Sao Paulo.
CONTACT PERSON: Sergio Alair Barroso, Comm. Mgr., or Jose Roberto G. Ferreira, Adm. Dir.
Soy oil and meal.

CARGILL B.V.*
Affiliate of Cargill Inc.,
Minneapolis, MN, USA
Coenhavenweg 2, Box 8074,
1005 AB Amsterdam, Netherlands,
Ph. 803-803; TLX: 14081.
CONTACT PERSON: Eef Paalvast, Merch. Mgr.
Soy meal, crude degummed and refined soy oil, soyfood products, soy sterols and tocopherols, and soybean fatty acids.

CARGILL INC.*
P.O. Box 9300, Minneapolis, MN 55440,
Ph. 612-475-7575; TLX: 29-0794;
Other locations: Osceola, FL; Chicago, IL; Memphis, TN; Chesapeake, VA.
Crude and degummed soy oil and meal; once refined soy oil and meal; soy flour.

CENTRAL DE COOPERATIVAS DE PRODUTORES RURAIS DO RIO GRANDE DO SUL LTDA.*
Gen. Andrade Neves, 106, Porto Alegre, Brazil,
Ph. 254022 or 245000; TLX: 051-1331.
CONTACT PERSON: Theo Guthler, Dir. Comm.
Soybeans, soy meal, soy oil.

CENTRAL SOYA*
1300 Fort Wayne National Bank Bldg.,
P.O. Box 1400, Fort Wayne, IN 46801-1400,
Ph. 219-425-5100;
TLX: 276170 (CENSOYA FWA A).
CONTACT PERSON: Jerry R. James, VP Grain
Once refined and fully refined vegetable oil, soy meal, flour, flakes and grits, lecithin, salad oil, cooking oil, margarine oil, shortening, sausage binders, soy protein concentrates, textured soy flours, textured soy proteins, soybeans, corn, livestock and poultry feeds.

CHEIL SUGAR CO. LTD.
23rd Flr., Samsung Main Bldg. 250, 2-Ka,
Taepyung-Ro, Chung-Ku, Seoul, Korea,
Ph. 28-7533; TLX: K23762.
CONTACT PERSON: M.Y. Yoo, Plant Mgr.
WHITE SNOW cooking/salad oil.

A.E. CHEW & CO. INC.
One World Trade Center, Suite 1907,
New York, NY 10048, Ph. 212-432-0590;
TLX: 232715; TWX: 710-581-2333.

CONTACT PERSON: Ralph Chew, Pres.
Fully refined soy oil (bulk, drums and packaged), breakfast foods, cookies, crackers, salad oil, mayonnaise, cooking oil, seasonings, soy sauce, soy meal and partially refined oil.

CHIA FHA INDUSTRY CO. LTD.*
45 Sha-Tyan Rd., Sha Lu Taichung, Taiwan,
Ph. 362111.
CONTACT PERSON: Yua-Kuen Hung, Board Dir.
Lecithin.

DR. CHUNG'S FOODS COMPANY*
Insong Bldg. 18A, 194-15, 1-Ka, Hoehyun-Dong,
Choong-Ku, Seoul, Korea, Ph. 777-7421.
CONTACT PERSON: Chung Sung Soo, VP
VEGEMIL soymilk, WOOREAN soy beverage.

CIA. BRASILEIRA DE OLEOS E DERIVADOS (COBRASOL)*
Alameda Santos, 1357-5°, Sao Paulo, S.P., Brazil, 01419, Ph. 283-4222; TLX: 1131140 (CBOD BR); Other locations: Sao Luis Gonzaga, R.S.; Porto Alegre, R.S.; Santo Angelo, R.S.
CONTACT PERSON: Antoine Abbas, Comm. Mgr.
Soybeans, soy oil, meal and HIPRO meal.

CIF CORPORATION*
425 California Street, San Francisco, CA 94104,
Ph. 415-788-3434; TLX: 171752 (CIF SFO) or WU 67561 (SIF SFO);
Other location: New York, NY
CONTACT PERSON: Kathleen Radicchi
Soy meal, pellets, mixed feed, fully refined soybean oil, cooking oil.

CIGRA, INCORPORATED*
233 S. Wacker Drive, Suite 7616, Sears Tower,
Chicago, IL 60606, Ph. 312-993-9811;
TWX: 910-221-2586 (CIGRA CGO);
Other locations: Portland, OR, New York, NY.
CONTACT PERSON: K. Nagasaka, VP
Soybeans and grains.

W.A. CLEARY CORPORATION
1049 Somerset St., Somerset, NJ 08873,
Ph. 201-247-8000.
CONTACT PERSON: Margaret A. Cleary
Lecithin.

COMPANIA INDUSTRIAL Y DE ABASTECIMIENTOS, S.A. (CINDASA)*
Affiliate of Cargill, Inc.
Avda. de los Madronos No. 31, Madrid 33,
Spain, TLX: 44374 (CINDOE); 56509 (SILOE);
22080 (DINSOE).
CONTACT PERSON: Nacho Escribano, Head Merchant
44% and 48% protein soy meal, crude degummed and fully refined soy oil.

CONTINENTAL GRAIN CO.*
277 Park Ave., New York, NY 10017,
Ph. 212-826-5100; Other locations: Guntersville, AL; Taylorville, IL; Cameron, SC.
CONTACT PERSON: Ronald Anderson, Sr. VP
Grain merchants and exporters.

COUNTRY BRAND SEEDS, INC.*
4735 Sergeant Rd., Waterloo, IA 50701,
Ph. 319-233-5504;
TLX: 465650 (JED GRAIN CFLS).
CONTACT PERSON: James Dunn, Pres.
Soybean seed.

DEKALB COUNTY EXPORTS INC.*
Subsid. of ADM and Tabor Grain
P.O. Box 734, Towpath Road, Ottawa, IL 61350,
Ph. 815-433-3635; TWX: 910-642-3700.
CONTACT PERSON: Joe Zeeb
Special variety and food type soybeans.

DIPAK SOLVENT EXTRACTION INDUSTRIES*
Jawahar Road, Manavadar-362630, India,
Ph. 267, 268; TLX: 0169-253 (DISO IN);
Other location: Manavadar, Gujarat.
CONTACT PERSON: G. G. Patel, Partner
Soybean de-oiled extractions.

DONG BANG CORPORATION*
No. 2 Yangpyong-dong 4-Ka, Yungdungpo-ku,
Seoul, Korea, Ph. 633-3921;
TLX: K27334 (DBCORP).
CONTACT PERSON: Jang Hong Yoo, Dir.
Soy oil and meal.

LOUIS DREYFUS COMPANY*
24 Richmond Hill Ave., Stamford, CT 06904,
Ph. 203-357-8444; TLX: 996315; Offices at: Chicago, Curran and Pekin, IL; New Orleans, LA; Pascagoula, MS; Baltimore, MD; Guckeen and Minneapolis, MN; Kansas City, MO; Portland, OR; Fort Worth, TX.
CONTACT PERSON: Joseph Petrowski, Oilseed Mgr.
Soybeans, soy oil, soy meal and bagged soy meal.

S.A.C.E.I.F. LOUIS DREYFUS Y CIA LTDA*
25 de Mayo 401 5to. Piso, Buenos Aires 1002,
Argentina, Ph. 311-4741 or 311-4749;
TLX: 21667 (LDCDA AR).
CONTACT PERSON: Carlos Chevallier Boutell, Comm. Mgr.
Soybeans, soy pellets, soy oil.

JAMES E. DUNN GRAIN SERVICES, INC.*
4735 Sergeant Rd., Waterloo, IA 50701,
Ph. 319-233-5504; TLX: 465650 (JED GRAIN CFLS).
CONTACT PERSON: James Dunn, Pres.
Identity preserved soybeans for tofu, miso, natto and sprouts, as well as commercial soybeans and meal; shipments by container, rail or by barge.

DURKEE FOODS DIV.*
SCM Corporation
900 Union Commerce Bldg.,
Cleveland, OH 44115, Ph. 216-344-8000;
Other locations: Lafayette, CA; Chicago, IL; New York, NY.
CONTACT PERSON: Leonard Milazzo, VP Mfg./Eng.
Once refined and fully refined soy oil, salad and cooking oil and shortening, liquid soy oil and emulsified shortenings.

EAGLE FOOD INDUSTRY CORP.*
12th. Flr. 310 Sec. 4, Chung Hsiao E. Rd.,
Taipei,Taiwan, Ph. 7811161-69.
CONTACT PERSON: Alex Wang, VP
Soy meal and oil.

EDELSOYA GmbH*
Ausschlager Elbdeich 62, Hamburg 28,
Fed. Rep. of Germany, Ph. 781701;
TLX: 2163220 (MYR D).
CONTACT PERSON: Karl-Otto Tielker, Sls. Mgr.
Fullfat soy flour, grits, flakes and soya bran.

FAR-MAR CO., INC.*
3315 N. Oak, P.O. Box 12734,
Kansas City, MO 64116, Ph. 816-454-5400;
TLX: 434259 (FARMCO EXP KSC),
TWX: 910-771-0942 (FARMCO EXP KSC).
CONTACT PERSON: Louis Ai, Sr. Grain Merch.
Soybeans, soy oil and meal.

FARMERS EXPORT CO.*
8400 W. 110th St., Overland Park, KS 66210,
Ph. 913-642-5500; TLX: 437 156;
TWX: 910-749-4049.
Soybeans.

FEARN NATURAL FOODS*
Div. Richard Foods Corp.
4520 James Pl., Melrose Park, IL 60160,
Ph. 312-345-2335.
Flour, flakes and grits, lecithin, soybeans for cooking, health foods, blended foods, breakfast foods, flour mixes, soy protein concentrates and isolates. Consumer packages only. Soya powder, soya granules, baking mixes, protein supplements based on soy, liquid lecithin.

J.H. FILBERT INC.*
3701 Southwestern Blvd., Baltimore, MD 21229,
Ph. 301-644-4900; Plant at: Atlanta, GA.
CONTACT PERSON: Basil G. Howard, Sr. VP
Margarines, salad dressings, shortening.

FIRST SPICE MIXING CO.*
33-33 Greenpoint Ave., Long Island City,
NY 11101, Ph. 212-361-2556; Other locations:
San Francisco, CA; Toronto, Ont., Canada.
CONTACT PERSON: Peter Epstein, VP
TEXITE extender and binder for meat products.

FOODS & FEEDS U.K. LTD.*
King George V. Dock, Shieldhall, Glasgow,
Scotland, United Kingdom, Ph. 445 3864 or
445 4517; TLX: 776174 (FDSFDS G).
CONTACT PERSON: B.P. Agrawalla, Exec. Dir.
Soy meal, crude degummed soy oil.

C.B. FOX CO.
220 Camp St., New Orleans, LA 70130,
Ph. 504-588-9211; TLX: 58216;
TWX: 810-951-6215.
Grain, soybeans and soy products.

FUJI OIL CO. LTD.*
Nissei Midosuji Hachimancho Bldg.,
6-1 Hachimancho Minami-ku, Osaka 542, Japan,
Ph. 213-8151.
CONTACT PERSON: Masaki Okazaki, Export Mgr.
Soy flour.

GENERAL SPICE INC.*
238 St. Nicholas Avenue,
So. Plainfield, N.J. 07080, Ph. 201-753-9100;
TWX: 710 997 9547 (SOPH); Other locations:
Detroit, MI; Malden, MA.
CONTACT PERSON: Karl H. Brand, Pres.
SOTEX texturized vegetable protein & BAKOTEX imitation bacon bits.

GLOBAL NUTRAMEAL, INC.*
R.R., Box 6122, Spirit Lake, IA 51360;
Ph. 712-337-3376. Plant at: Emmetsburg, IA.
CONTACT PERSON: Kirk Strauss
Soybeans, corn, NUTRAMEAL (NUTRAMEAL food), bulk or bagged, containerized shipments.

GODREJ SOAPS LTD.*
Pirojsha Nagar, Eastern Express Highway,
Vikhroli, Bombay, Maharashtra, India, 400 079,
Ph. 584461 or 586861; TLX: 11-71480 (AVIX IN);
Other locations: Miraj, Maharashtra; Ambattur,
Madras; Tirunelveli, Tamil Nadu.
CONTACT PERSON: N.B. Godrej, Dir.
Soy meal.

GRAIN PROCESSING CORP.*
1600 Oregon St., Muscatine, IA 52761,
Ph. 319-264-4278; TLX: 468497.
CONTACT PERSON: Ralph Wilkinson, Food Prod. Sales Mgr.
Soy protein isolates.

JAMES E. DUNN
GRAIN SERVICES INC.
4735 SERGEANT RD. • WATERLOO, IOWA 50701
319•233•5504
TLX 465650

EXPORTERS OF
QUALITY VARIETAL PURE SOYBEANS

- FOB and CIF Quotations worldwide
- Shipments in Bag or Bulk
- Containerized, Barge and Rail
- Direct Farm Purchase
- Well Recleaned and Sized
- Contract Production Available
- Soybean Seed Available

GRAIN MERCHANTS • EXPORTERS • SEED

GRANOLEO S.A.
COM. IND. SEMENTES
OLEAGINOSAS E DERIVADOS*
Av. Cavalhada No. 4.050, Porto Alegre, R.S.,
Brazil, Ph. 49-5957; 49-7734, 49-3757; 49-2211;
TLX: (051) 1702;
Other plant: Estrada de Moinhos, Estrela, R.S.,
Ph. 712-1552; TLX: (051) 3337.
CONTACT PERSON: Wu Cheng-Tao, Tech. Dir.
Soy meal and crude degummed oil.

GRASAS S.A.*
Calle 11, No. 18-113, Apartado Aereo 85,
Buga Valle, Colombia, Ph. 2021; TLX: 05866.
CONTACT PERSON: Alberto Angel Leon, Pres.
Exports through Buenaventura.

GREAT WALL ENTERPRISES CO. LTD.
8th Flr., 310 Sec. 4, Chung Hsiao E. Rd.,
Taipei, Taiwan, Ph. 7315761-5.
CONTACT PERSON: John C.J. Ou
Crude and refined soy oil, soy meal, lecithin, fatty acids.

GURLEY'S INC.*
Subsidiary of Illinois Cereal Mills, Inc.
404 E. Preston St., P.O. Box 388,
Selma, NC 27576, Ph. 919-965-2303;
800-334-9631; 800-672-8131; CABLE: GURLEY.
CONTACT PERSON: Herman Kurrelmeier, Pres.
Soy meal, oil and soybeans for cooking.

HASSELMAN BROKERAGE CO., INC.*
Subsidiary of Pan American
Trade Development Corporation
2 Park Ave., New York, NY 10016,
Ph. 212-481-1620; TLX: 968672.
CONTACT PERSON: William Hasselman, Pres.
Crude, degummed, once refined and fully refined soy oil, soy meal and soapstocks.

HENKEL CORPORATION*
7900 W. 78th St., Minneapolis, MN 55435,
Ph. 612-830-7837; TLX: 29-0472.
CONTACT PERSON: Walter A. Whitehill, Dir. of Mktg. & Sls.

HI-PRO PRODUCTS, INC.
1605 John St., Fort Lee, NJ 07024,
Ph. 201-944-2650; Plant at: Lakeville, MN.
CONTACT PERSON: Jeanne Dubos, Acct. Mgr.
SOYTOWN and SOY AHOY salted, unsalted and barbecue flavored roasted soynuts. Also, roasted flavored bulk soynuts in 25- and 50-lb. capacities.

INARI, LTD.*
2331 Forest Rd., Lansing, MI 48910,
Ph. 517-882-3323; TLX: 229440 (MICHAGRI LSG).
CONTACT PERSON: Leonard Stuttman, Pres.
Whole roasted soynuts; salted, unsalted, flavored, candied soynuts. Identity preserved soybeans (for soyfoods industry). Organically grown soybeans by request.

INDO S.A.*
Reconquista 458, Piso 15°, Buenos Aires 1358,
Argentina, Ph. 394-1900 or 394-1005;
TLX: 9105 (LAPCE AR).
CONTACT PERSON: Juan S. Pasche, Ruben Rodriquez or Fernando Speroni, Traders.
Soybeans, pellets, crude degummed oil, lecithin.

INDUSTRIA DE OLEOS PACAEMBU S.A.*
Rua Silva Teles, 1465 Pari, Sao Paulo, Brazil,
CEP 03026, Ph. 291-8844, TLX: 22374 (IOLP);
Other plants: Cascavel, Parana; Paranavai, Parana; Paranagua, Parana, Fatima Do Sul, Mato Grosso Do Sul.
CONTACT PERSON: Kanje Adachi, Mgr.
Soy meal and oil.

INDUSTRIA GAUCHA DE
FARELOS E OLEOS S.A. (FAROL)*
Avenida Borges de Medeiros 659-12th Flr.,
Porto Alegre, RGS, Brazil, 90000,
Ph. 337988, TLX: 51-1732 (STEF BR);
Other plants: Estrela, RGS; Feliz, RGS; Sapucaia Do Sul, RGS; Ituiutaba, MG.
CONTACT PERSON: Stefan Wenzel, Export Dir.
Soybeans, meal 46% profat, HIGHPRO 48% protein, soy flour, soy grits, texturized soy protein, crude soy lecithin, filtered soy lecithin.

INDUSTRIAL DE ALIMENTOS S.A.*
Poniente 146 No. 789, Col. Industrial Vallejo,
Deleg. Azcapotzalco, 02300, D.F. Mexico,
Ph. 5674022 or 5679475.
CONTACT PERSON: Felipe Suberbie, Gen. Mgr.
Textured soy proteins.

INDUSTRIAL E COMERCIAL
BRASILEIRA S.A.*
Praca Senador Florencio, No. 12-10th Flr.,
Porto Alegre, Brazil, Ph. 254986; TLX: 051 1777.
CONTACT PERSON: Arthur Warth, Dir.
Soy meal and crude degummed soy oil.

INDUSTRIAL ENTERPRISES CO. LTD.
179 Surawongse Rd., Bangkok, Thailand,
Ph. 2354855-9;
Other location: Pak Kret, Nonthaburi.
CONTACT PERSON: Viraj Sasivongbhakdi, Dep. Mgr. Dir.
Soy meal.

INDUSTRIAS DE ACEITE S.A.
P.O. Box 1759, Ballivian 262,
Santa Cruz, Bolivia, Ph. 47008-47700.
CONTACT PERSON: Felipe Campbell, Gen. Mgr.
Soy meal and cooking/salad oil.

INDUSTRIAS J.B. DUARTE S.A.*
Rua dos Patriotas, 1382, Sao Paulo, Brazil,
04207, Ph. 274.8211; TLX: 01121226 (IJBD BR).
CONTACT PERSON: Archimedes Jorge Cortellazzi, Dir.
Pellets, beans, crude degummed oil, fully refined oil, tocopherols.

INTERFOOD DEUTSCHLAND GmbH*
Div. Interfood Luxemburg SAH
Louisenstr. 115, 6380 Bad Homburg, 1,
Fed. Rep. of Germany, Ph. 22049; TLX: 0415840.
CONTACT PERSON: Hans D. Kneer, Mgr. Dir.
PROTIBLEND-20, protein enriched food preparation containing soy protein and soy oil.

ITALIANA OLII E RISI S.p.A.
Via Romolo Gessi, 20, Ravenna, 48100, Italy,
Ph. 31222; TLX: 550077 (IORRA I);
Other locations: Porto Corsini, Ravenna; Porto Marghera, Venice; Aprilia, Latina.
CONTACT PERSON: Cavassa Valerio, Foreign Sales Dept.
Industrial lecithin, industrial soy flour, industrial soy oil, soy sterols and tocopherols, soybean fatty acids.

C. ITOH & CO. (America) INC.
270 Park Ave., New York, NY 10017,
Ph. 212-953-5237.
CONTACT PERSON: T. Seno

IZHAR OIL INDUSTRY OF ISRAEL LTD.*
P.O. Box 823, Tel-Aviv, Israel, Ph. 242555;
TLX: 33441 (OCEAN IL).
CONTACT PERSON: M. Mitelman, Dir.
Soy meal and oil, lecithin.

J.K. EXPORT INDUSTRIES*
Savitabag, Vadal Road, P.O. Box 37,
Junagadh 362003, India, Ph. 1431, 2080, 1389;
TLX: 0164-204 (LUCK IN).
CONTACT PERSON: M. B. Patel, Mgr.
Well-toasted yellow extracted soy meal.

JINDAL SOLVENT EXTRACTIONS*
Kashipur-244713, India, Ph. 270 and 292.
CONTACT PERSON: Madar Mohan Jindal
Soy meal and oil.

KALYAN SOLVENT EXTRACTION LTD.*
25, Jaora Compound, M.Y. Road, Indore, M.P., India, Ph. 7520 or 5150; TLX: 0735327 (KASI IN).
CONTACT PERSON: K.C. Barjatya, Mgr. Dir.
Soybeans and soybean products.

KAPIL AGRO LTD.*
36, Chowringhee Rd., Calcutta 700071, India,
Ph. 21-2517, 24-0721 or 24-0741;
TLX: 021-7412 (IJCA IN) or 021-3158 (BLNT IN).
CONTACT PERSON: Hemant K. Jalan, Dir.
Soy meal — 44%, 48%, 50% or 52% protein.

KUWAIT FLOUR MILLS CO. S.A.K.*
Jamal Abdulnasser St., P.O. Box 681 Safat,
Kuwait, Ph. 841866; TLX: 22209 (MATAHEN).
CONTACT PERSON: Bader A. Al Mousa, Gen. Mgr.
Soy meal.

LIBERTY OIL MILLS
302 Dalamal House, 206 Nariman Point,
Bombay, 400 021 Maharashtra, India,
Ph. 244445; TLX: 11 6189 (LIBO IN).
CONTACT PERSON: Parvez Kader, partner
Soybean extraction 54% and 50%.

LOU ANA FOODS, INC.*
P.O. Box 591, Opelousas, LA 70570,
Ph. 318-948-6561; TLX: 58-6645 (LAF OPLS).
CONTACT PERSON: Bobby Harris, Indus. Sales Mgr.
Once refined and fully refined soy oil.

LUCAS MEYER S.R.L.
Via Venezia 34, Vigonza (PD), 35010, Italy,
Ph. 629011; TLX: 430145 (GIPA I).
CONTACT PERSON: Axel Skulte, Pres.
Meat analogs, lecithin, soy flour.

M.P. OIL EXTRACTION PVT. LTD.*
22/55 Industrial Area, P.O. Box 1, Malviya Path,
Raipur 492001, Raipur, Madhya Pradesh, India,
Ph. 25027, 26670, 23429;
TLX: 0775-215/224 (MPOL).
CONTACT PERSON: Suresh D. Manik, Mgr. Dir. or Paresh Manik, Tech. Dir.
Soy meal.

MADHUSUDAN VEGETABLE PRODUCTS CO. LTD.*
P.O. Rakhial Stn.-382315 Talukai-Behgam,
Ahmedabad, Gujarat, India,
Ph. 22896, 22897, 22898; TLX: 012-482;
Other locations: Rakhial; Kadi, Mehsana (Gujarat).
CONTACT PERSON: R.S. Saraogi, C.E.O.
Soy meal and flakes.

MALWA PROTEINS & OILS PVT. LTD.*
E 5/90, Arera Colony, Bhopal (MP) 462016,
India, Ph. 64891; TLX: 0705-276 (705-MPOL IN)
CONTACT PERSON: Deepak Suryavanshi, Mgr. Dir.
Soybean extraction (de-oiled cake).

MALWA VANASPATI & CHEMICAL COMPANY LTD.
1, Mohatta Nagar, Indore-452 003, M.P., India,
Ph. 6353, 6354, 6355;
TLX: 0735 228 (MVCC IN).
CONTACT PERSON: B.S. Mohatta, Chrmn.
Soy meal and de-oiled cake.

MAPLE LEAF MONARCH CO.*
365 Evans Ave., Toronto, Ont., Canada M8Z 5W7,
Ph. 416-252-5551; TLX: 06-984560;
Other location: Windsor, Ontario, Canada.
CONTACT PERSON: John D. McNamara, Mgr.
Crude, degummed, refined, deodorized, hydrogenated soy oils, soy meals (44%, 48%) and hulls.

MARUBENI AMERICA CORPORATION*
200 Park Ave., New York, NY 10166,
Ph. 212-599-3755; TLX: 12424 (MARUBENI NYK);
TWX: 710-581-3629 (MARUBENI NYK).
CONTACT PERSON: Kenji Gokyu, Asst. Gen. Mgr.
Grains and oilseed products.

MARWOOD INTERNATIONAL, INC.*
1100 Larkspur Landing Circle, Suite 225,
Larkspur, CA 94939, Ph. 415-461-2703;
TLX: 171463 (HQLARK).
CONTACT PERSON: Robert Rowley
Soybeans, soy meal and oils.

MEGGITT LIMITED
P.O. Box 199, Parramatta 2150 NSW, Australia,
Ph. 638 4466; TLX: AA70 851 (MEGCAM).
CONTACT PERSON: A.D. Rector, Chief Exec.
Soy meal.

MERLIN S.A. IND. E
COM. DE OLEOS VEGETAIS
Av. Dique, S/N, Cx. Postal 2772 e 10,001,
Porto Alegre, RGS, Brazil, 90,000;
TLX: 051-1053 (MERL).
CONTACT PERSON: A.P.B. Merlin, Pres.
Soy meal and crude degummed soy oil.

THE MIAMI MARGARINE CO.*
Food Service Div.
5226 Vine St., Cincinnati, OH 45217,
Ph. 513-242-2310.
CONTACT PERSON: Ron Simoncini, Dir. of Mktg.
Soy oil, margarine, dressings, peanut butter with soy oil added, shortening.

MICO INC.
P.O. Box 1508, Bloomington, IL 61701,
Ph. 309-662-9344.
Soybeans.

MIDWEST SOYA INTERNATIONAL INC.
814 N. 5th, Clear Lake, IA 50428,
Ph. 515-357-6131.
CONTACT PERSON: Kim Pleggenkuhle
Identity preserved soybeans, bulk or bagged containerized shipments, soy meal, soybean seed for planting, commercial grade shipments of soybeans and corn. Export facility at Clear Lake, IA. Barge, rail and truck shipments.

MINASA*
Caixa Postal 1101, Campinas, S.P., Brazil, 13.100,
Ph. 42-1966; TLX: 019-1043 (MINA BR);
Other locations: Araraquara, S.P.; Arapongas, P.R.; Itumbiara, G.O.
CONTACT PERSON: John B. Sieh, Gen. Mgr.

MIRACEMA NUODEX S.A.
INDUSTRIAS QUIMICAS*
Rodovia Santos Dumont, Km. 4, 125
Campinas 13100, Brazil, Ph. 32-2700; TLX: 1201.
CONTACT PERSON: Otto Rohr, Pres.
Industrial lecithin, soybean fatty acids.

MOLINOS RIO DE LA PLATA S.A.*
Paseo Colon 746, Buenos Aires, Argentina, 1323,
Ph. 30-8463, 30-8485, 33-3002 or 33-3003;
TLX: 22270 (MRPSA AR);
Other locations: Avellaneda, Provincia de Buenos Aires; Barranqueras, Chacos.
CONTACT PERSON: Nolly Sirkis, Div. Mgr.
Soy pellets and soy oil.

NKS EUROTRADE (N.Y.) INC.*
600 Third Ave., New York, NY 10016,
Ph. 212-661-7010; TLX: Intl. 422645 (NK SUI),
Domestic 649475 (NYKS NYK).
CONTACT PERSON: L. G. Wyatt, Gen. Mgr.
Soy meal, corn, grains, animal feeds.

NAKORNCHAISRI OIL
INDUSTRIAL CO. LTD.*
829-835 Opp. Talad Plu Railway Station,
Dhonburi, Bangkok, 10600, Thailand,
Ph. 465-0659, 466-0529, 466-1014 or 472-1197.
CONTACT PERSON: Vichit Vitayathanakorn, Mgr. Dir.
Fully refined oil, cooking/salad oil.

NAV MAHARASHTRA CHAKAN OIL MILLS*
Kupwad Block, M.I.D.C., Plot E-6, Miraj,
Dist. Sangli, Maharashtra, India,
Ph. 449449, 449890, 447306;
TLX: 0145-349 (NMC IN).
CONTACT PERSON: Shantilal Ratanchand Lunkad
Soybean extraction.

NITICEL B.V.*
Sluisstraat 57, P.O. Box 16,
Musselkanaal, Netherlands,
Ph. 6599; TLX: 53220 (TENKA NL).
CONTACT PERSON: A. Grooten, Dir.
Lecithin, soy protein concentrates, full fat soy flours, textured soy proteins.

NOBLEE & THOERL GmbH*
Div. of Henkel KGaA,
Duesseldorf, Seehafenstrassee 24,
P.O. Box 90-10-40, 2100 Hamburg 90,
Fed. Rep. of Germany,
Ph. 77-16-81; TLX: 02-177-13 (NOBLE D).
CONTACT PERSON: Horst Oehl, Sales Mgr.
Hardened, fully refined, hydrogenated and fractionated oils.

NORTH AMERICAN
LABORATORY CO., INC.*
1717 W. 10th St., Indianapolis, IN 46222,
Ph. 317-635-9500; TLX: 276222 WU Pubtlx Ind.
CONTACT PERSON: Kamal Hyder, Dir. Mktg.
TVP and soy grits.

OELWERKE NOURY &
VAN DER LANDE GmbH*
Industriestrasse 10, 4240 Emmerich/Rhein,
Fed. Rep. of Germany, Ph. 02822-741.
CONTACT PERSON: H. Herten, Dir.
Once and fully refined soy oil.

OLEAGINOSAS ESPANOLAS, S.A.
Nunez de Balboa, 108, Madrid-6, Spain,
Ph. 411 4613; TLX: 45302/46918 (OLEA E);
Other location: Barcelona, Spain.
CONTACT PERSON: Jose Urbelz, Gen. Mgr.
Crude degummed oil, soy meal and lecithin.

OLEIFICIO SABO*
P.O. Box 3327, 6901 Lugano, Switzerland,
Ph. 234461; TLX: 79453 (SABO CH).
CONTACT PERSON: Giancarlo Bordoni, Gen. Mgr.
Fully refined oil.

OLIVEX LTD.*
25 Rothschild Blvd., P.O. Box 1498;
61014 Tel Aviv, Israel, Ph. 614451;
TLX: 341118 (BXTV IL); CABLE: EXOLIV;
Other location: Petah Tiqua.
CONTACT PERSON: Wolf Cegla or Uriel G. Cegla.
Soy meal, crude degummed and fully refined oil.

OLJYNPURISTAMO OY*
P.O. Box 15, SF-00811 Helsinki 81, Finland
Ph. 780155; TLX: 121518 (OILML ST).
CONTACT PERSON: P. Karri, Mktg. Dir.
Degummed soy oil.

OLVEBRA S.A. INDUSTRIA E COMERCIO DE OLEOS VEGETAIS*
Praca Osvaldo do Cruz, 15-16° andar,
Porto Alegre-RS, Brazil, Ph. 21-2200;
TLX: 1225 (OLVE BR).
CONTACT PERSON: Hans H. Grun, Comm. Dir.
Crude degummed oil in bulk, refined oil in bulk or drum, toasted soy meal (LOWPRO and HIPRO) in bulk and bag, pellets, hydrosoluble soy extract.

OSWAL AGRO MILLS LTD.*
107-108 Padma Tower-1, 5 Rajindra Place,
New Delhi 110008, India, Ph. 5715150, 5715317 or 5715103.
CONTACT PERSON: Abhey Kumar Oswal, Man. Dir. or K.L. Jain, Chief Exec.
Soybean extraction in pellets/cakes.

PACIFIC SOYBEAN & GRAIN*
495 DeHaro St., San Francisco, CA 94107,
Ph. 415-863-0867.
CONTACT PERSON: Daniel J. Burke, Pres.
Soybeans and organically grown soybeans. Specializing in varieties for soyfoods manufacturing.

PEAVEY COMPANY*
730 Second Ave. S., Minneapolis, MN 55402,
Ph. 612-370-7551; TLX: 290125 (PEAVEY MPLS).
CONTACT PERSON: Gordon V. Jones
Soybeans and soybean products.

PERDIGAO ALIMENTOS S.A.*
Av. Nossa Senhora da Paz 722, 05349 Sao Paulo
SP, Brazil, Ph. 2688188; TLX: 1123506 (PERD BR).
CONTACT PERSON: Juarez A. Leoni, Sls. Dir.
Crude degummed and refined soy oil, meal, pellets, HIPRO.

THE PILLSBURY CO.*
Minneapolis, MN 55402, Ph. 612-330-8811;
TLX: Domestic - 290198, International - WUI 6879040.
CONTACT PERSON: Dick Barnes, Dir. Soymeal Trading
Soy meal, corn gluten and other feed ingredients.

PLANTERS OIL MILL INC.
P.O. Drawer 2507, Rocky Mount, NC 27801,
Ph. 919-442-0193.
CONTACT PERSON: Steve Wilkins, Supt.
Soy meal, crude soy oil.

PREMIER EXTRACTIONS PVT. LTD.*
45/47 A. Industrial Area, A.B. Rd.,
Dewas, M.P., India, Ph. 5989, 38705 or 236-854;
TLX: 0735-306 (PREM-IN).
CONTACT PERSON: G. L. Agrawal, Mgr.
Soya extractions.

PRESIDENT ENTERPRISES CORP.*
301, Chung-cheng Rd., Yan Haarng.,
Tainan Yungkang 711, Taiwan, Ph. 532121.
Main office: Taipei, Ph. 3317571.
CONTACT PERSON: W.Y. Yang, Sec. Chief
Soy sauce, soy milk, lecithin, margarine.

PRESTIGE FOODS PVT. LTD.
30, Jaora Compound, M.Y.H. Road,
Indore 452001, M.P., India, Ph. 4633, 21725 or 34014; TLX: 0735 205 (PFM IN);
Other location: Dewas, Madhya Pradesh.
CONTACT PERSON: N.N. Jain, Mgr. Dir.
Soy meal.

PRODUCTOS ALIMENTICIOS DAS INDUSTRIAS GESSY LEVER LTDA.*
Divisao de Van den Bergh
Av. Vereador Jose Diniz, 3530,
Caixa Postal 60.091, Sao Paulo 01000, Brazil,
Ph. 542-6111; TLX: 22795.
CONTACT PERSON: Samuel Aguirre Diaz, Tech, Dir.
Fully refined soy oil in tins, hard margarine in tins, soft margarine in tubs, industrial fats.

PRO-SEED INC.*
236 Sugar St., Box 55, Blissfield, MI 49228,
Ph. 517-486-3520;
TLX: 241046 (SEAWAY FWD TOL).
CONTACT PERSON: Ronald M. Jacob, VP
Raw soybeans, identity preserved.

PROTEA CHEMICAL SERVICES (PTY.) LTD.*
Private Bag X-1051, Germiston 1400,
South Africa, Ph. 827-9270 or 827-4305;
TLX: 8263 (PROTEA CHEM); Other locations: Durban, Natal; Cape Town and Port Elizabeth, Cape Province.
CONTACT PERSON: Ron Mantel, Prod. Mgr., Food Additives
Protein concentrates (plain and textured), soya grits and flour, soy lecithin.

RAISION TEHTAAT*
Oy Kasviojy-Vaxtolje AB
SF-21200 Raisio, Finland, Ph. 780311;
TLX: 62140 (RAUL SF).
CONTACT PERSON: Heikki Siintola, Mgr., Foreign Dept.
Crude degummed soy oil.

RALSTON PURINA CO.*
Checkerboard Square, St. Louis, MO 63164,
Ph. 314-982-2741; TLX: 447620 (RALSTON STL).
Other locations: Bloomington, IL; Lafayette, IN; Iowa Falls, IA; Louisville, KY; Kansas City, MO; Raleigh, NC; Memphis, TN.
Soy meal, oil, flour, flakes and grits, lecithin, soy protein isolates, textured soy protein, fiber textured products and structured protein isolates. Polymer Division: PROCOTE and PURINA POLYMER for use in water resistant laminating, corrugating and tube winding adhesives. Sizes and tile coatings, texture paints and topping cements and general water resistant adhesive applications.

REFINADORA DE OLEOS BRASIL S.A.*
Av. Paulista, 2073-Conj. Horsa II, 2nd Flr.,
Sao Paulo, S. P., Brazil, 01311, Ph. 287-3122;
TLX: 32042 (NEVA BR) and 23827 (ROBR BR);
Other locations: Sao Caetano do Sul, S. P.;
Araucaria, P. R.
CONTACT PERSON: C.A. Walter or J.P. Mayor
Soy meal, pellets, crude degummed and refined soy oil.

RESEGUE INDUSTRIA E COMERCIO S.A.*
Rua Maria Paula, 88, Sao Paulo, Brazil, 01319,
Ph. 259-2000; TLX: 24762 (IROV BR) or 25303 (IROV BR).
CONTACT PERSON: Jorge Miguel Resegue or Pedro Laercio Fancio
Soy meal, pellets, oil, laundry soap.

RICELAND FOODS*
2120 Park Ave., P.O. Box 926,
Stuttgart, AR 72160, Ph. 501-673-5500;
Other location: Helena, AR.
Soybeans, fully refined soy oil, soybean varieties, salad oil, lecithin, cooking oil, shortening, soy meal and pellets.

RICHCO GRAIN LTD.*
650 5th Ave., New York, NY 10019,
Ph. 212-903-2000; TLX: 968076.
CONTACT PERSON: Blair Picard
Crude and refined soy oil and soy meal.

ROSS & ROWE*
Div. Archer Daniels Midland Co.
P.O. Box 1409, Decatur, IL 62525,
Ph. 217-424-5804.
CONTACT PERSON: Lynn Adolphson, Gen. Mgr.
Lecithin.

ROTTERDAMSCHE MARGARINE INDUSTRIE ROMI B.V.
Postbus 20, 3130 AA Vlaardingen, Netherlands,
Ph. 340 311; TLX: 25770 (ROMI NL).
CONTACT PERSON: D.M. Talmon
Margarine, shortening and cooking/salad oil.

S.I.O S.p.A.*
Via Farini, N. 56, Modena, 41100, Italy,
Ph. 22 2571; TLX: 510138 (SIO MO I).
Plants at: Castelfiorentino, Modena and Ravenna.
CONTACT PERSON: Paolo Domenichina, Admn.
Soy meal, crude degummed oil, cooking/salad oil, lecithin, fatty acids.

SAMPYO FOODS CO. LTD.*
647-2 Chang-Dong, Dobong-Gu, Seoul, Korea,
Ph. 992-7111.
CONTACT PERSON: Wan Sik Kim, Mgr. Dir.
Soy sauce and soybean mash.

SAN-J INTERNATIONAL, INC.*
Subsidiary of San-Jirushi Corp.
3236 Blvd., Colonial Heights, VA 23834,
Ph. 804-520-1513.
CONTACT PERSON: Michael Fountain, VP
Tamari, miso, teriyaki, shoyu.

SCHOKHI INDUSTRIALS PVT. LTD.*
143 Jolly Maker Chambers Two, 14th Floor,
225 Nariman Point, Bombay 400 021, India,
Ph. 2021320; TLX: 0-11-3078 (UTPA IN);
CABLE: UTPADAN.
CONTACT PERSON: Nitin Goel, Dir.
Soy meal to Far East, Middle East and European markets; soya products, flour, proteins, toasted soya, soya chunks and soya nuggets.

SCHOUTEN INTERNATIONAL INC.*
6750 France Ave. S., Minneapolis, MN 55435,
Ph. 612-920-7700; TLX: 290815.
CONTACT PERSON: Jac M. de Hoog, Pres.
Soybeans and meal, grains, and feed ingredients.

J.M. SCHULTZ SEED COMPANY*
105 Pine St., Dieterich, IL 62424-0211,
Ph. 217-925-5212; TLX: 910 663 2660 (SCHULTZ DTRK); Other plants: Beardstown, IL; Paris, IL; Woodburn, IN; Ashland, OH.
CONTACT PERSON: Jack Schultz, Pres.
Soybeans for seed, sprouting and edible purposes.

SHEDD'S FOOD PRODUCTS*
14401 Dexter Blvd., Detroit, MI 48238,
Ph. 313-868-5810; Other locations: Sunnyvale, and Vernon CA; Elgin, IL; Louisville, KY; Omaha, NE; Greenville, SC; Dallas, TX.
CONTACT PERSON: John J. Castello, Dir. Food Serv.
Margarine, shortenings, salad and cooking oils.

SHEMEN INDUSTRIES LTD.
P.O. Box 136, Haifa 31000, Israel,
Ph. 670491; TLX: 46776 (KFOOD IL).
CONTACT PERSON: Z. Neumann, Mktg. Dir.
Industrial lecithin.

SHREE KANTI OIL MILLS*
Anand Building, 82/84, Kazi Syed St.,
Bombay 400003, India, Ph. 322797 or 335521;
TLX: 0113581 (KNTI IN).
CONTACT PERSON: K.H. Badiani, Partner
Soybean extractions.

SHREE MANSINGKA OIL MILLS LTD.*
Mansingka Chambers, 258 Kalbadevi Rd.,
Bombay-400002, Maharashtra, India,
Ph. 317791, 296313;
Plant at: Khandwa, Madhya Pradesh.
CONTACT PERSON: D.P. Mansingka, Mgr.
Soybean extractions of 50% and 52% protein; soybean flax having 56% protein content.

C.F. SIMONIN'S SONS INC.
Tioga and Belgrade St., Philadelphia, PA 19134,
Ph. 215-426-2300.
CONTACT PERSON: W.J. Lewis, Exec. VP
Soy salad oils and soy industrial oils.

SOCIEDAD ANONIMA FABRICAS Y REFINERIAS DE ACEITES (SAFRA)*
Av. de Mayo 633, Piso 4°, Buenos Aires 1084,
Argentina, Ph. 34-6154 or 34-4804;
TLX: 21096 (SAFRA AR) or 17847 (SAFRA AR).
CONTACT PERSON: Eduardo Colombo, Mgr.
Crude degummed and fully refined oil, pellets.

SOCIEDAD IBERICA DE MOLTURACION S.A. (SIMSA)*
Plaza de Chamberi 8-7°, Madrid 10, Spain,
Ph. 4353400; TLX: 27216 (SIMSA).
CONTACT PERSON: Ignacio Aritio
Soybean products.

SOCIETE INDUSTRIELLE DES OLEAGINEUX: SIO
Direction Proteines, Groupe Lesieur, 122 Av. du General De Gaulle, Boulogne-Billancourt, France 92103, Ph. 604 30 32; TLX: 260917 (SOLEAG).
CONTACT PERSON: Guy Deneck, Proteins Dir.
SOYOPTIM, SOYASSIM, PROTISOYA, DYNASOYA, FLOCOSOYA, SOYADIN and other SIO soy grits and soy flours.

SOLNUTS B.V.*
Swaardvenstraat 41, P.O. Box 5066,
5048 Av. Tilburg, Netherlands,
Ph. 68-4991; TLX: 52654 (SOLNU NL).
CONTACT PERSON: H. Stolk, Export Mgr.
Full-fat soy flour, roasted soybeans, flavored soybean snacks, tofu and soybean curd.

SOON SOON OIL MILLS SDN BHD*
Plot 94, Prai Industrial Estate, Prai, Province Wellesley, Butterworth, Penang, Malaysia,
Ph. 348277; TLX: MA 40774 (S SOON).
CONTACT PERSON: Neoh Soon Bin, Mgr. Dir.
Crude degummed soy oil and meal.

SOY-COT SALES INC.*
2590 E. Devon Ave., Des Plaines, IL 60018,
Ph. 312-297-4160; TLX: 726319;
TWX: 910-233-5992.
CONTACT PERSON: Lloyd J. Smith, Pres.
Crude and degummed soy oil, crude and bleachable cottonseed oil, 44% and 50% soy meal, cottonseed meal.

SOYA MILLS S.A.*
9, Valaoritou Str., Athens, Greece,
Ph. 3601002; TLX: 0214908 (SOMI GR).
CONTACT PERSON: E. Karatzas, Sls. Mgr.
Soy meal, crude and fully refined oil.

SPECIALTY GRAINS, INC.
305 S. Linden, Normal, IL 61761,
Ph. 309-454-2461; TLX: 250150 (SGI NORL).
Other locations: Norfolk, NE; LeRoy, IL.
CONTACT PERSON: Curt Haynes, Coord.
Bagged and bulk soybeans by variety and type.

SPENCER KELLOGG DIV.*
Textron Inc.
P.O. Box 807, Buffalo, NY 14240,
Ph. 716-852-5850.
CONTACT PERSON: Richard E. Punnett, Mgr. Commodity Products
Crude degummed, once refined and fully refined soy oil; industrial products.

A.E. STALEY MFG. CO.*
P.O. Box 151, Decatur, IL 62525,
Ph. 217-423-4411; TLX: ITT 4330382.
CONTACT PERSON: D.D. Honnold, Mktg. Mgr., Food Protein
Soy meal, industrial oils, fully refined and hydrogenated soy oils, soy flour, flakes and grits,

SINCE 1893

SCHOUTEN INTERNATIONAL INC.
6750 FRANCE AVENUE SOUTH / MINNEAPOLIS, MINNESOTA 55435
Telephone: (612) 920-7700 / Cable: Schouten - Minneapolis / Telex: 290815

SHIPPERS OF GRAINS AND FEED INGREDIENTS TO WESTERN EUROPE AND OTHER WORLD MARKETS

Subsidiary of Schouten/Giessen N.V., Holland

lecithin, soy whipping agents, seasonings, soy sauce, soy protein concentrates, textured vegetable protein concentrates and textured soy proteins.

STRAYER SEED FARMS INC.*
Hudson, IA 50643, Ph. 319-988-3640.
CONTACT PERSON: Dennis Strayer, Owner
Raw soybeans, cleaned and bagged.

SUMITOMO CORPORATION OF AMERICA*
345 Park Ave., New York, NY 10154,
Ph. 212-207-0692; TWX: 710-581-4453.
CONTACT PERSON: J. Sumi, Asst. Mgr.-Grain & Oilseeds
Grain, oilseed products, soy oil.

TABOR GRAIN CO.*
Subsidiary of ADM
P.O. Box 1470, Decatur, IL 62525,
Ph. 217-424-5440; TLX: 250121.
CONTACT PERSON: Levi Batchelder
Soybeans for crushing and food use.

TABOR GRAIN CO.*
Subsidiary of ADM
Seed Division, 201 W. North St., P.O. Box 189, Farmer City, IL 61842, Ph. 309-928-2185.
CONTACT PERSON: Frank Silvester
Certified seed grains, SRF and public varieties of soybean seed.

TAGOL, COMPANHIA DE OLEAGINOSAS DO TEJO SARL*
Ave. Republica 44-7°, 1000 Lisbon, Portugal,
Ph. 767521; TLX: 14187 (TAGOL P).
CONTACT PERSON: Manuel Mourao, Dir.
Crude degummed soy oil and soy meal.

TAVLIN LTD.*
Box 36, Rishon-le-Zion, Israel, Ph. 943-224.
CONTACT PERSON: I. Cohen, Plant Mgr.
Soy meal, degummed and refined soy oil.

TETH BETH LTD.*
P.O. Box 147, Petah Tikva 49101, Israel,
Ph. 913191; TLX: 341962 (TB IL).
CONTACT PERSON: R. Ahronson, Export Mgr.
Soy meal, soy oil, lecithin and margarine.

ALFRED C. TOEPFER INTERNATIONAL, INC.*
21 West Street, New York, NY 10006,
Ph. 212-425-0119; TLX: RCA 232297;
TWX: 710-581-4820;
Other location: New Orleans, LA.
CONTACT PERSON: Richardson B. Smith, Sr. VP
Soy meal and oil.

TOSHOKU AMERICA INC.*
551 5th Ave., New York, NY 10176,
Ph. 212-661-5400; TLX: ITT 420527 and RCA 223089; Parent company: Tokyo, Japan.
CONTACT PERSON: T. Kato, Soybean Mgr.
Soybeans, soy meal, oil, and soy protein. Trading for foreign countries - especially Europe, Japan and Far Eastern countries.

TOSHOKU LTD.*
4, Nihombashi-Muromachi 2 Chome, Chuo-ku, Tokyo 103, Japan,
Ph. 2452346; TLX: 22352 and 22872.
CONTACT PERSON: Yoshiko Nakahashi
Soybeans, soy meal, oil, soy protein.

TRISTAR SOYA PRODUCTS LTD.*
1111-A Raheja Chambers, 213, Nariman Point, Bombay, India, Ph. 223058 or 224102;
TLX: 11-4953 (MPOL IN).
CONTACT PERSON: M.K. Mansinghka, Chrm.
Soy meal — 50%, 52% and 56% O & A quality.

UNITED FOODS LTD.*
Al-Owais Bldg., 104 Flat, Naser Square, P.O. Box 5503, Deira, Dubai, United Arab Emirates,
Ph. 223214/5/6; TLX: 46689 (VEGOIL EM).
CONTACT PERSON: M.H.U. Jung, Gen. Mgr.
ASEEL vegetable shortening and MUMTAZ cooking oil.

VICTORY SOYA MILLS LTD.*
Affiliate of Procter & Gamble Co., Cincinnati, OH, USA
333 Lake Shore Blvd. E, Toronto, Ont.,
Canada M5A1C2, Ph. 416-363-8771;
TLX: 06-219812; CABLE: VICTORY TOR.
CONTACT PERSON: B.S. Aitken, Gen. Mgr.
Soy meal, oil, lecithin, flour.

VIKAS EXPORT INDUSTRIES*
3, Gandhi Chambers, Gondal Rd., RAJKOT-2, Rajkot, India, Ph. 88971-88972; TLX: VEIR-281.
CONTACT PERSON: D.G. Patel
De-oiled soy meal.

VIPPY SOLVEX PRODUCTS PVT. LTD.
28 Industrial Area, A.B. Rd., Dewas 455-001 M.P., India, Ph. 581; TLX: 0732-201 (VSP IN).
CONTACT PERSON: Prakash Mutha, Mgr. Dir.
Soy meal, 60%, 54%, 50%, 48%; soybean de-oiled cake, 30% profat; defatted soy flour.

WAN-JIA-SHIANG BREWERY CO. LTD.*
80-1, Hope St., Sanchung, Taipei 241, Taiwan,
Ph. 981-13183.
CONTACT PERSON: Michael Wu, Exp. Mgr.
Soy sauce.

WELLENS & CO. INC.*
6600 France Ave. S., Minneapolis, MN 55435,
Ph. 612-925-4600.
CONTACT PERSON: LeRoy Wellens, Pres.
Soy meal and feed ingredients, including animal proteins, both in bags and bulk.

WOODWARD & DICKERSON INC.*
937 Haverford Rd., Bryn Mawr, PA 19010,
Ph. 215-527-5200; TLX: 845244 (WOODWRD BRYN); TWX: 510-662-3381.
CONTACT PERSON: M. McCarthy, Merchandising
Crude, crude degummed, fully refined/edible, hydrogenated oils, textured vegetable protein and soy flour; fatty acids; protein meals (44% and high protein 49% profat).

buyer's guide to products & services

The Buyer's Guide lists companies that provide appropriate equipment, supplies or services to the soybean industry. There are four major categories in the Buyer's Guide.

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Commercial Equipment & Supplies

AIR CLASSIFIERS

Alpine American Corp.
Buhler-Miag, Inc.
Cargill Agricola S.A. (Brazil)
Carter-Day Co.
Codema, Inc.
DuMond Company, Inc.
Forsbergs Inc.
S. Howes Co., Inc.
Kice Metal Products Co., Inc.
M.P. State Cooperative Oilseed Growers' Federation Ltd. (India)
Prater Industries, Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Triple/S Dynamics, Inc.

ASPIRATORS

Alpine American Corp.
Buhler Brothers Ltd. (Switzerland)
Buhler-Miag, Inc.
Carter-Day Co.
Codema, Inc.
Crippen Mfg. Co., Inc.
Dabney-Hoover Supply Co., Inc.
DuMond Company, Inc.
Entoleter Division, Safety Railway Serv. Corp.
Forsbergs Inc.
French Oil Mill Machinery Company
Gustafson, Inc.
S. Howes Co., Inc.
Kice Metal Products Co., Inc.
Oliver Manufacturing, Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Triple/S Dynamics, Inc.
Troika Processes Pvt. Ltd. (India)
D. W. Tyler Company

AUTOMATIC SAMPLERS

Carter-Day Co.
Dabney-Hoover Supply Co., Inc.
Grain Probe Sales & Service
Gustafson, Inc.
Houston Public Grain Elevator
InterSystems, Inc.
JaHam Mfg. Co. Inc.

AUTOMATION

C.A. Facegra (Venezuela)
Gustafson, Inc.
MCC Powers

BAGS, BAGGING EQUIPMENT

Cargill Agricola S.A.
(Brazil)
The Chantland Co.,
Division of Douglas & Lomason Co.
Chase Bag Co.
Dabney-Hoover
Supply Co., Inc.
Dumond Company, Inc.
Fagrave S.A.
(Columbia)
Dave Fischbein Company
French Oil Mill
Machinery Company
Gebr. Paschedag GmbH
(Fed. Rep. of Germany)
Greif Bros. Corp.
A. Gusmer, Inc.
Hagan Manufacturing Co.
Howe Richardson Co.
S. Howes Co., Inc.
Langston Bag Co.
Marina Milling & Grain
Handling Co. Ltd. (Malta)
Seedburo Equip. Co.
Smico Mfg. Corp.
Troika Processes Pvt. Ltd.
(India)
D. W. Tyler Company

BATCHING SYSTEMS

Technicon Industrial Serv.

BEARINGS

Dabney-Hoover
Supply Co., Inc.
Deere and Company
Divine Engineering, Inc.
DuVal Industrial Foreign
Trade Corporation
Electrical Engineering &
Equipment Co.
Fagrave S.A.
(Colombia)
Fort Worth Steel
& Machinery
French Oil Mill
Machinery Company
Houston Public Grain
Elevator
Jeffrey Manufacturing Div.,
Dresser Industries Inc.
PT Components, Inc.
Reliance Electric Co.
Troika Processes Pvt. Ltd.
(India)

BELTING & BELTING ACCESSORIES

Dabney-Hoover
Supply Co., Inc.
Deere and Company
DuVal Industrial Foreign
Trade Corporation
Electrical Engineering
& Equipment Co.
Fagrave S.A.
(Colombia)
Flexible Steel Lacing Co.
Fort Worth Steel
& Machinery
Houston Public Grain
Elevator
Newell Machinery Co., Inc.
Scandura Inc.
Siegling America Inc.
Sweet Manufacturing Co.
Troika Processes Pvt. Ltd
(India)
Universal Industries
H.R. Williams Mill
Supply Company

CHAINS

Buhler-Miag, Inc.
Codema, Inc.
Dabney-Hoover
Supply Co., Inc.
Deere and Company
Divine Engineering, Inc.
DuVal Industrial Foreign
Trade Corporation
Electrical Engineering &
Equipment Co.
C.A. Facegra (Venezuela)
Fagrave S.A.
(Colombia)
Fort Worth Steel
& Machinery
Houston Public Grain
Elevator
M.P. State
Cooperative Oilseed
Growers Federation
Ltd. (India)
Newell Machinery Co., Inc.
PT Components, Inc.
Reliance Electric Co.
Troika Processes Pvt. Ltd.
(India)

CLEANING, LUBRICATING EQUIPMENT

Cargill Agricola S.A.
(Brazil)
C.A. Facegra (Venezuela)
Houston Public Grain
Elevator
Spraying Systems Co.

COLOR MEASURING INSTRUMENTS

The Tintometer Ltd.
(England)

CONTROL INSTRUMENTS, SYSTEMS

Alfa-Laval (Sweden)
Bindicator Company
Cargill Agricola S.A.
(Brazil)
Curtis & Tompkins, Ltd.
Dickey-john Corporation
ERDCO Engineering Corp.
The Foxboro Company
Hagan Manufacturing Co.
Honeywell/Process
Control Division
Howe Richardson Co.
Lakeland Engineering
Equipment Co.
MCC Powers
Process Mechanical, Inc.
Reliance Electric Co.
Westinghouse Electric
Corporation

CONVEYORS, ELEVATORS

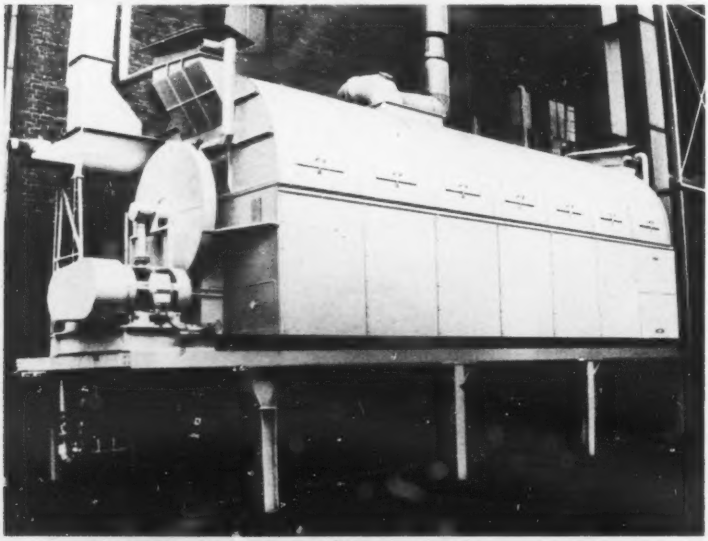
BLOUNT/Mix-Mill Mfg. Co.
Buhler Brothers Ltd.
(Switzerland)
Buhler-Miag, Inc.
Cargill Agricola S.A.
(Brazil)
The Chantland Co.,
Div. of Douglas &
Lomason Co.
Codema, Inc.
Dabney-Hoover
Supply Co., Inc.
Damman-Croes S.A.
(Belgium)
Divine Engineering, Inc.
Do-Well Oil Plants
Private Ltd. (India)
DuMond Company, Inc.
Dunbar Kapple
DuVal Industrial Foreign
Trade Corporation

VETTER dryers for oilseed processing

1 Conditioning crushed or whole seeds
a) with additional drying
b) with additional moistening.

2 Drying desolventized meal

3 Cooling the dried meal



With these advantages . . .

- Low energy requirements
- Surface areas to 16,000 square feet
- Potential for heat recovery
- Easy installation
- Solvent recovery

To discuss your specific needs, please contact . . .

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EPE Incorporated
Electrical Engineering & Equipment Co.
The Essmueller Co.
FMC Corporation, Material Handling Systems Div.
Fagrave S.A. (Colombia)
Feeco International, Inc.
Dave Fischbein Company
Forsbergs Inc.
Fort Worth Steel & Machinery
French Oil Mill Machinery Company
Glencoe Portable Elevator Division
A. Gusmer, Inc.
Hagan Manufacturing Co.
Hayes & Stolz Industrial Mfg. Co., Inc.
Houston Public Grain Elevator
S. Howes Co., Inc.
InterSystems, Inc.
Jeffrey Manufacturing Div., Dresser Industries Inc.
Kice Metal Products Co., Inc.
Lakeland Engineering Equipment Co.
Marina Milling & Grain Handling Co. Ltd. (Malta)
Masiero Industrial S.A. (Brazil)
Mathews Equipment Co.
Mid-America Products, Inc.
Neuero Corporation
Newell Machinery Co., Inc.
Oliver Manufacturing Inc.
The Rapat Corporation
George A. Rolfes Company
Screw Conveyor Corp.
Seedburo Equip. Co.
Speed-King Mfg. Co., Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Sweet Manufacturing Co.
Thomas Conveyor Company
Tramco Metal Products, Inc.
Triple/S Dynamics, Inc.
Troika Processes Pvt. Ltd. (India)
D.W. Tyler Co.
Universal Industries
Westinghouse Electric Corporation

DRYING & AERATION

CONDITIONERS & COOLERS

Aeroglide Corp.
American Drynamics Inc.
Chicago Eastern Corp.
Crown Iron Works Company
Damman-Croes S.A. (Belgium)
Davenport Machine & Foundry Co.
Dedert Corporation
DuMond Company, Inc.
DuVal Industrial Foreign Trade Corporation
FMC Corporation, Material Handling Systems Div.
French Oil Mill Machinery Company
Hagan Manufacturing Co.
Jeffrey Manufacturing Div., Dresser Industries Inc.
Kice Metal Products Co., Inc.
Masiero Industrial S.A. (Brazil)
N. Hunt Moore & Assoc., Inc.
Moorhead Machinery & Boiler Company
Ponndorf Maschinenfabrik, GmbH (Fed. Rep. of Germany)
Process Mechanical, Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Superior Welding Company
Troika Processes Pvt. Ltd. (India)
Vishwa Oil Products Ltd. (India)

GRAIN DRYERS

Aeroglide Corp.
American Drying Systems, Inc.
Berico Industries
Buhler Brothers Ltd. (Switzerland)
Cargill Agricola S.A. (Brazil)
Carter-Day Co.
Chicago Eastern Corp.
Chief Industries, Inc.
Dabney-Hoover Supply Co., Inc.
Damman-Croes, S.A. (Belgium)
Davenport Machine & Foundry Co.
DriAll, Inc.
DuMond Company, Inc.
FMC Corporation, Material Handling Systems Div.
Farm Fans, Inc.
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
A. Gusmer, Inc.
Hagan Manufacturing Co.
M.P. State Cooperative Oilseed Growers Federation Ltd. (India)
M & W Gear Company
Mathews Equipment Co.
N. Hunt Moore & Assoc., Inc.
Ponndorf Maschinenfabrik, GmbH (Fed. Rep. of Germany)
Shivvers Incorporated
Sprout-Waldron Division, Koppers Company, Inc.
Superior Welding Company
Triple/S Dynamics
Troika Processes Pvt. Ltd. (India)
D. W. Tyler Company
Vishwa Oil Products Ltd. (India)
Zimmerman Equipment Co.

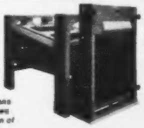
MEAL DRYERS

American Drynamics Inc.
Buhler Brothers Ltd. (Switzerland)
Buhler-Miag, Inc.
Cargill Agricola S.A. (Brazil)
Crown Iron Works Company
Damman-Croes S.A. (Belgium)
Davenport Machine & Foundry Co.
Dedert Corporation
Do-Well Oil Plants Private Ltd. (India)
DuMond Company, Inc.
FMC Corporation, Material Handling Systems Div.
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
A. Gusmer, Inc.
M.P. State Cooperative Oilseed Growers Federation Ltd. (India)
Masiero Industrial S.A. (Brazil)
N. Hunt Moore & Assoc., Inc.
Moorhead Machinery & Boiler Company
Nadustco, Inc.
Ponndorf Maschinenfabrik, GmbH (Fed. Rep. of Germany)
Process Mechanical, Inc.
Superior Welding Company
Troika Processes Pvt. Ltd. (India)
Vishwa Oil Products Ltd. (India)

DUST CONTROL FILTER BAGS

Buhler Brothers Ltd. (Switzerland)

For efficient, reliable processing and handling...



MTMA SEPARATOR and DEHULLER with full-width transparent panel allows direct observation of aspirating action.

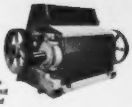
MTSB DRY DESTONER keeps accurate setting regardless of product flow rate. Up to 500 bu/hr capacity.

DOZD CRACKING ROLLER MILL uses centrifugally chilled cast iron rolls for capacities up to 500 t/day.

SOYBEAN PLANT with capacity of 2200 t/day is designed and installed by BUHLER-MIAG.

DOZC FLAKING MILL is world's largest. Capacities up to 450 t/day.

DMHX CENTRIFUGAL SIFTER separates meal up to 3000 cu ft/hr.



DOOA FLAKING ROLLER MILL meets highest demands. Low sound level; constructed with integrated feeder.

BUHLER CHAIN CONVEYORS for dust-free oilseed conveying. Industry proven over centuries.

We plan and build complete shiploading and unloading facilities, including dust collecting systems.

Increase the profit potential in your preparation building with Buhler-Miag equipment and experience.

Since 1927 Buhler-Miag has contributed significantly to the technology of grain and oilseed processing and handling. We offer our complete line of equipment for your preparation plant, from unloading of oilseeds to flaked product, as well as dust control systems and electrical control panels. Buhler-Miag can also assume responsibilities for process design, plant operational analysis, installation supervision and start-up services. We'll even help train your operators. Our representatives are available to increase your profit potential.

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C.A. Facegra (Venezuela)
Fratelli De Vita S.p.A. (Italy)
Houston Public Grain Elevator
Kice Metal Products Co., Inc.
Langston Bag Co.
MikroPul Corporation
Troika Processes Pvt. Ltd. (India)
Vishwa Oil Products Ltd. (India)
H.R. Williams Mill Supply Company

DUST CONTROL SYSTEMS

Bindicator Company
Buhler Brothers Ltd. (Switzerland)
Buhler-Miag, Inc.
Carter-Day Co.
Codema, Inc.
DuMond Company, Inc.
C.A. Facegra (Venezuela)
Feeco International, Inc.
Forsbergs Inc.
Fratelli De Vita S.p.A. (Italy)
Houston Public Grain Elevator
Kice Metal Products Co., Inc.
MikroPul Corporation
Nadustco, Inc.
Oliver Manufacturing Inc.
George A. Rolfes Company
Sprout-Waldron Division, Koppers Company, Inc.
Troika Processes Pvt. Ltd. (India)
D.W. Tyler Co.
Vishwa Oil Products Ltd. (India)

ELEVATOR BUCKETS

Codema, Inc.
Dabney-Hoover Supply Co., Inc.
Damman-Croes S.A. (Belgium)
Fort Worth Steel & Machinery
Houston Public Grain Elevator
Jeffrey Manufacturing Div., Dresser Industries Inc.
Marina Milling & Grain Handling Co. Ltd. (Malta)
Newell Machinery Co., Inc.
Screw Conveyor Corp.
Seedburo Equip. Co.
Sprout-Waldron Division, Koppers Company, Inc.
Sweet Manufacturing Co.
Troika Processes Pvt. Ltd. (India)
Universal Industries
K.I. Willis Corp.

ELEVATOR LIFTS

Bender-Ross Equipment Co. Inc.
Dabney-Hoover Supply Co., Inc.
EPE Incorporated
Fagrave S.A. (Colombia)
Fort Worth Steel & Machinery
Glencoe Portable Elevator Division
Jeffrey Manufacturing Div., Dresser Industries Inc.
Troika Processes Pvt. Ltd. (India)

FANS

Carter-Day Co.
Chicago Eastern Corp.
Codema, Inc.
Dabney-Hoover Supply Co., Inc.
C.A. Facegra (Venezuela)
Fagrave S.A. (Colombia)
Farm Fans, Inc.
Forsbergs Inc.
Fort Worth Steel & Machinery
French Oil Mill Machinery Company
Houston Public Grain Elevator
Kice Metal Products Co., Inc.
Mathews Equipment Co.
George A. Rolfes Company
Sprout-Waldron Division, Koppers Company, Inc.
Triple/S Dynamics, Inc.
Troika Processes Pvt. Ltd. (India)
D.W. Tyler Company

FLOW MEASUREMENT INSTRUMENTS

Elliott Automation Co. Inc.
ERDCO Engineering Corp.

FUMIGANTS

Cargill Agricola S.A. (Brazil)
Gustafson, Inc.
Houston Public Grain Elevator
Marina Milling & Grain Handling Co. Ltd. (Malta)

GRAIN ANALYZERS

Cargill Agricola S.A. (Brazil)
Chem-Staat Laboratories, Inc.
Dickey-john Corporation
M.P. State Cooperative Oilseed Growers Federation Ltd. (India)
Marina Milling & Grain Handling Co. Ltd. (Malta)
Oxford Analytical Instruments Ltd. (England)
Oxford Instruments North America, Inc.
Pacific Scientific, Gardner/Neotec Instrument Div.
Seedburo Equip. Co.
Technicon Industrial Systems
Vishwa Oil Products Ltd. (India)

GRAIN & MATERIAL HANDLING EQUIPMENT

Abrasion Engineering, Inc.
Bindicator Company
Buhler Brothers Ltd. (Switzerland)
Buhler-Miag, Inc.
Carter-Day Co.
The Chantland Co., Div. of Douglas & Lomason Co.
Codema, Inc.
Dabney-Hoover Supply Co., Inc.
Damman-Croes S.A. (Belgium)
Deere and Company
Divine Engineering, Inc.
Dunbar Kapple
Electrical Engineering & Equipment Co.
The Essmueller Co.
C.A. Facegra (Venezuela)
Farm Fans, Inc.
Feeco International, Inc.

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PRODUCTS
CO., INC.

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Pneumatic & Mechanical Systems

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Custom Engineered Systems

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Recycle for heating economy

HUMIDITY CONTROL
Spray Chambers & Systems

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Most types, sizes, stationary, portable

SPEED SPOUT & DUST DUCT
Prefab Fittings & Piping

VACUUM CLEANING
For Safety & Sanitation

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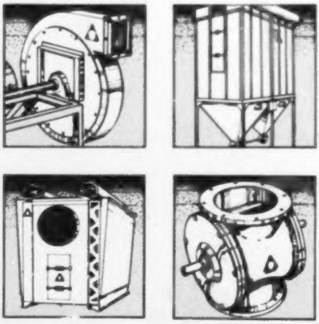
- Air Locks, Blow-Thru Type
- Air Locks, Jet-Under Type
- Air Locks, Drop-Thru Type
- Air Locks, Inboard Bearings
- Air Locks, Outboard Bearings
- Air Power Unit Assemblies
- Air Pumps, Positive Displacement
- Aspirators, Multi-Aspirators
- Aspirators, Tangential Type
- Bin Bottoms, Fluidized Flow
- Castings, Gray Iron & Ductile
- Couplings — Compression
- Cyclones, High Efficiency
- Cyclones, Heavy Duty
- Dead Fall Boxes
- Dust Collectors, Centrifugal
- Dust Collectors, Mechanical
- DUST DUCT — Pipe & Fittings
- Eliminator Reel Screeners
- Ells, Gravity & Pneumatic
- Fans, Air Foil Type
- Fans, Centrifugal
- Fans, High Pressure
- Fans, High Volume
- Fans, Multi-Stage
- Fans, Non-Overloading
- Fans, Radial Type
- Fans, Single Stage
- Feeders, Rotary Vanes
- Filters, Air (Bag Type)
- Filters, Bin Top, Unitary
- Filters, High Temperature, 500° F.
- Filters, Modular Type
- Filters, Pulse Jet Type
- Filters, Reverse Air
- Filter Bags, Felt & Knit
- Flex Metal Hose & Fittings
- Magnets, Spout Type
- Modugate Air Controls
- Mufflers for Fans, Air Pumps
- Multi-Aspirators
- Pneumatic Car Unloader
- Pneumatic Transporter, Portable
- Rain Caps, Ventilators
- Reels, Eliminator Screens
- Rubber Hose & Fittings
- Separators, Cyclonic
- Sifter Knees
- Silencers, for Fans & Air Pumps
- Slide Gates, Manual & Automatic
- SPEED SPOUT — Pipe & Fittings
- Stream Splitters, Pneumatic
- Stream Splitters, Rotary
- Stream Spreaders, Rotary
- Tubing, Aluminum & Steel
- Unloaders, Air Slide Car
- Vacuum Sweep Tools, Fittings
- Vacuum Unloaders
- Valves, Air Locks
- Valves, 2-Way — Gravity or Pneumatic
- Valves, 3-Way — Gravity or Pneumatic

ALL the above
PLUS
Custom Metalwork
and Engineering



Fort Worth Steel & Machinery
French Oil Mill Machinery Company
Glencoe Portable Elevator Division
Grain Systems, Inc.
A. Gusmer, Inc.
Hagan Manufacturing Co.
Hayes & Stolz Industrial Mfg. Co., Inc.
Houston Public Grain Elevator
Howe Richardson Co.
S. Howes Co., Inc.
InterSystems, Inc.
Jeffrey Manufacturing Div., Dresser Industries Inc.
Kice Metal Products Co., Inc.
Lakeland Engineering Equipment Co.
M.P. State Cooperative Oilseed Growers Federation Ltd. (India)
Marina Milling & Grain Handling Co. Ltd. (Malta)
Mathews Equipment Co.
Neuero Corporation
Newell Machinery Co., Inc.
Oliver Manufacturing Inc.
The Rapat Corporation
Screw Conveyor Corp.
Seedburo Equip. Co.
Speed-King Mfg. Co., Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Straight Engineering Co.
Sweet Manufacturing Co.
Thomas Conveyor Company
Tramco Metal Products, Inc.
Triple/S Dynamics, Inc.
Troika Processes Pvt. Ltd. (India)
D.W. Tyler Company
Universal Industries
Universal Seeds & Oil Products Company (Israel)
Unverferth-McCurdy

GRAIN CLEANING, SEPARATING EQUIPMENT

Alpine American Corp.
Buhler Brothers Ltd. (Switzerland)
Buhler-Miag, Inc.
CE Bauer
Carter-Day Co.
Codema, Inc.
Crippen Mfg. Co., Inc.
Dabney-Hoover Supply Co., Inc.
Damman-Croes S.A. (Belgium)
DuMond Company, Inc.
Farm Fans, Inc.
Forsbergs Inc.
French Oil Mill Machinery Company
Gebr. Bauermeister & Co. GmbH (Fed. Rep. of Germany)
Grain Systems, Inc.
A. Gusmer, Inc.
Gustafson, Inc.
Hagan Manufacturing Co.
S. Howes Co., Inc.
InterSystems, Inc.
Jeffrey Manufacturing Div., Dresser Industries Inc.
Kice Metal Products Co., Inc.
Marina Milling & Grain Handling Co. Ltd. (Malta)
Mathews Equipment Co.
N. Hunt Moore & Assoc., Inc.
Oliver Manufacturing Inc.
Prater Industries, Inc.
Rotex Inc.
Seedburo Equip. Co.
Smico Mfg. Corp.
Sprout-Waldron Division, Koppers Company, Inc.
Sweco, Inc.
Triple/S Dynamics, Inc.
Troika Processes Pvt. Ltd. (India)
D.W. Tyler Company
Vishwa Oil Products Ltd. (India)
H.R. Williams Mill Supply Company

GRAIN GRADING EQUIPMENT

Buhler Brothers Ltd. (Switzerland)
Carter-Day Co.
Codema, Inc.
Crippen Mfg. Co., Inc.
Dabney-Hoover Supply Co., Inc.
Forsbergs Inc.
Gustafson, Inc.
Hagan Manufacturing Co.
S. Howes Co., Inc.
M.P. State Cooperative Oilseed Growers' Federation Ltd. (India)
Marina Milling & Grain Handling Co. Ltd. (Malta)
Mathews Equipment Co.
Seedburo Equip. Co.
Sprout-Waldron Division, Koppers Company, Inc.
Troika Processes Pvt. Ltd. (India)
H.R. Williams Mill Supply Company

GRINDING & MIXING EQUIPMENT

Alpine American Corp.
BLOUNT/Mix-Mill Mfg. Co.
Buhler Brothers Ltd. Switzerland)
Buhler-Miag, Inc.
Buss-Condux, Inc.
C.E. Bauer
Dabney-Hoover Supply Co. Inc.
Damman-Croes S.A. (Belgium)
DuMond Company, Inc.
Entoleter Division, Safety Railway Service Corp.
Feeco International, Inc.
French Oil Mill Machinery Company
Gebr. Bauermeister & Co. GmbH (Fed. Rep. of Germany)
Hayes & Stolz Industrial Mfg. Co., Inc.
S. Howes Co., Inc.
Jacobson Machine Works, Inc.
Marina Milling & Grain Handling Co. Ltd. (Malta)
MikroPul Corporation
Mixing Equipment Co., Inc. Unit of General Signal
Prater Industries, Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Sweco, Inc.
Troika Processes Pvt. Ltd. (India)
Urschel Laboratories, Inc.

LABORATORY EQUIPMENT

Alpine American Corp.
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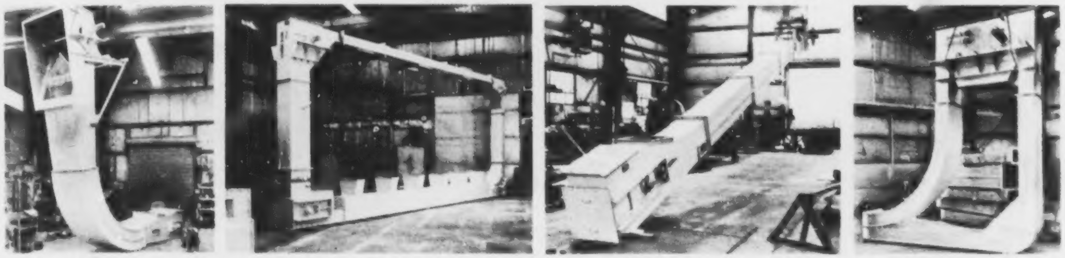

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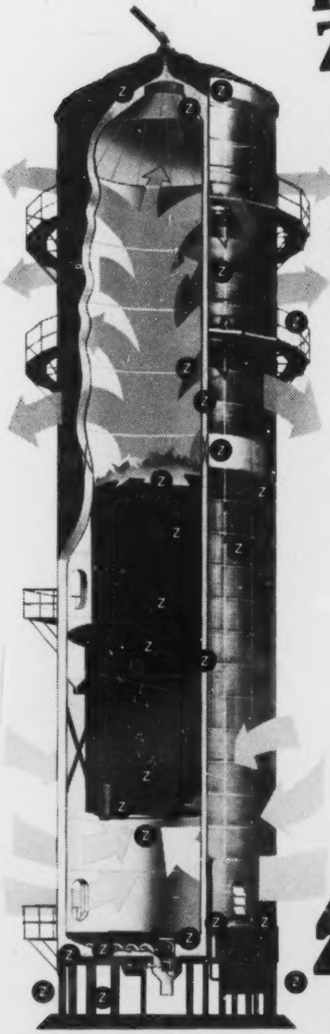

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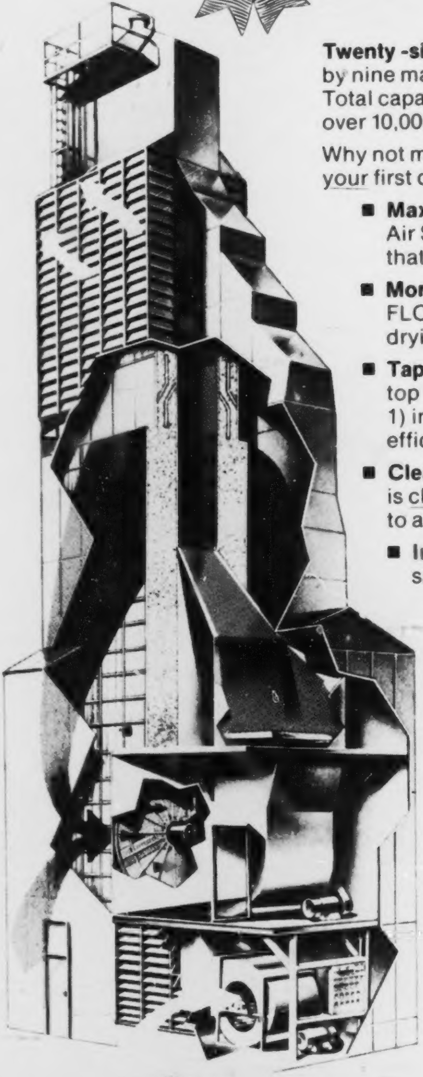

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Pennwalt India Limited (India)
Process Mechanical, Inc.
S.A. Fractionnement Tirtiaux (Belgium)
Simon-Rosedowns Ltd. (England)
Sullivan Systems Inc.
Superior Welding Company
Troika Processes Pvt. Ltd. (India)
Universal Seeds & Oil Products Company (Israel)
Votator Div., Cherry-Burrell
Wurster & Sanger Inc.

DESOLVENTIZER TOASTER

American Drynamics Inc.
Ross Brian and Assoc. Inc.
Cargill Agricola S.A. (Brazil)
Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
Crown Iron Works Company
Damman-Croes, S.A. (Belgium)
De Smet Corporation
Desarrollo Industrial Ings. S.A. (Mexico)
Do-Well Oil Plants Private Ltd. (India)
Dravo Engineers, Inc.
DuMond Company, Inc.
Extraktionstechnik Gesellschaft fur Anlagenbau GmbH (Fed. Rep. of Germany)
Fagrave S.A. (Colombia)
Feeco International, Inc.
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
Gebr. Paschedag GmbH (Fed. Rep. of Germany)
H.L.S. Ltd. (Israel)
Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
Masiero Industrial S.A. (Brazil)
Moorhead Machinery & Boiler Corp.
Myers Engineers
Oil & Fat Consulting N.V. (Belgium)
Process Mechanical, Inc.
Simon-Rosedowns Ltd. (England)
Superior Welding Company
Troika Processes Pvt. Ld. (India)
Universal Seeds & Oil Products Company (Israel)
Vishwa Oil Products Ltd. (India)
Wurster & Sanger, Inc.

ELECTROLYZERS

Davy Bamag GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
Neumunz, Inc.
Troika Processes Pvt. Ltd. (India)

FAT SPLITTERS

Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
De Smet Corporation
Dravo Engineers, Inc.
EMI Corporation
Fratelli De Vita S.p.A. (Italy)
Lurgi GmbH (Fed. Rep. of Germany)

- Rust International Corporation
- Superior Welding Company
- Troika Processes Pvt. Ltd. (India)
- Wurster & Sanger Inc.

FATTY ACID DISTILLATION EQUIPMENT

- Alfa-Laval (Sweden)
- CVC Products, Inc.
- Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
- De Smet Corporation
- Dravo Engineers, Inc.
- DuMond Company, Inc.
- EMI Corporation
- Extraktionstechnik Gesellschaft fur Anlagenbau GmbH (Fed. Rep. of Germany)
- Fagrave S.A. (Colombia)
- Fratelli De Vita S.p.A. (Italy)
- French Oil Mill Machinery Company
- Gebr. Paschedag GmbH (Fed. Rep. of Germany)
- Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
- Lurgi GmbH (Fed. Rep. of Germany)
- Masiero Industrial S.A. (Brazil)
- Moorhead Machinery & Boiler Company
- Neumunz Inc.
- Oil & Fat Consulting N.V. (Belgium)
- PSI Process Systems, Inc.
- Process Mechanical, Inc.
- Rust International Corporation
- Troika Processes Pvt. Ltd. (India)
- Wurster & Sanger Inc.

FLAKING & CRACKING EQUIPMENT

- Bauermeister, Inc.
- Buhler Brothers Ltd. (Switzerland)
- Buhler-Miag, Inc.
- Codema, Inc.
- Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
- De Smet Corporation
- Do-Well Oil Plants Private Ltd. (India)
- DuMond Company, Inc.
- Fagrave S.A. (Colombia)
- Fratelli De Vita S.p.A. (Italy)

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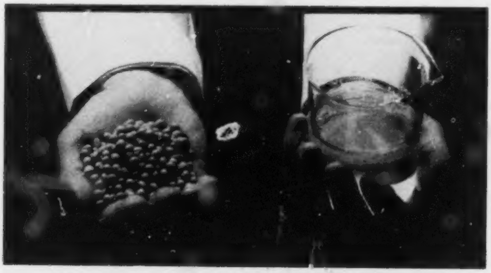

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Lurgi GmbH (Fed. Rep. of Germany)
Masiero Industrial S.A. (Brazil)
Metal Products International, Inc.
Myers Engineers
Neumunz Inc.
Prater Industries, Inc.
Roskamp Mfg., Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Troika Processes Pvt. Ltd. (India)
Universal Seeds & Oil Products Company (Israel)
Urschel Laboratories, Inc.
Vishwa Oil Products Ltd. (India)

HEAT EXCHANGERS

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Ross Brian and Assoc. Inc.
Crown Iron Works Company
Do-Well Oil Plants Private Ltd. (India)
Dravo Engineers, Inc.
DuMond Company, Inc.
EPE Incorporated
Fagrave S.A. (Colombia)
Franz Kirchfeld GmbH & Co. KG (Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
H.L.S. Ltd. (Israel)
Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
Masiero Industrial S.A. (Brazil)
Moorhead Machinery & Boiler Co.
Myers Engineers
Process Mechanical, Inc.
Sullivan Systems Inc.
Superior Welding Company
Troika Processes Pvt. Ltd. (India)
Universal Seeds & Oil Products Company (Israel)

HYDROGENATION EQUIPMENT

Alfa-Laval (Sweden)
Cambrian Processes, Div. of Cambrian Engineering Group Ltd. (Canada)
Chemical Agricultural Processes (CAP, Inc.)
Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
De Smet Corporation
Desarrollo Industrial Ings. S.A. (Mexico)
Diktic Inc.
Do-Well Oil Plants Private Ltd. (India)
Dravo Engineers, Inc.
EMI Corporation
Extraktionstechnik Gesellschaft fur Anlagenbau GmbH (Fed. Rep. of Germany)
C.A. Facegra (Venezuela)
Fagrave S.A. (Colombia)
Franz Kirchfeld GmbH & Co. KG (Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
H.L.S. Ltd. (Israel)
Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
Neumunz Inc.
Oil & Fat Consulting N.V. (Belgium)
PSI Process Systems, Inc.
Pennwalt India Limited (India)
Rust International Corporation
Simon-Rosedowns Ltd. (England)
Sud-Chemie A.G. (Fed. Rep. of Germany)
Sullivan Systems Inc.
Troika Processes Pvt. Ltd. (India)
Votator Div., Cherry-Burrell
Wurster & Sanger Inc.

INDUSTRIAL HYDRAULIC PRESSING EQUIPMENT

Cargill Agricola S.A. (Brazil)
French Oil Mill Machinery Company
Gebr. Paschedag GmbH (Fed. Rep. of Germany)

MARGARINE EQUIPMENT

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Cargill Agricola S.A. (Brazil)
De Smet Corporation
DuMond Company, Inc.
C.A. Facegra (Venezuela)
Fagrave S.A. (Colombia)
Franz Kirchfeld GmbH & Co. KG (Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
H.L.S. Ltd. (Israel)
Neumunz Inc.
Oil & Fat Consulting N.V. (Belgium)
Troika Processes Pvt. Ltd. (India)
Votator Div., Cherry-Burrell
Wurster & Sanger Inc.

NEUTRALIZATION EQUIPMENT

Alfa-Laval (Sweden)
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Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
De Smet Corporation
Do-Well Oil Plants Private Ltd. (India)
EMI Corporation
Extraktionstechnik Gesellschaft fur Anlagenbau GmbH (Fed. Rep. of Germany)
Franz Kirchfeld GmbH & Co. KG (Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
Gebr. Paschedag GmbH (Fed. Rep. of Germany)
H.L.S. Ltd. (Israel)
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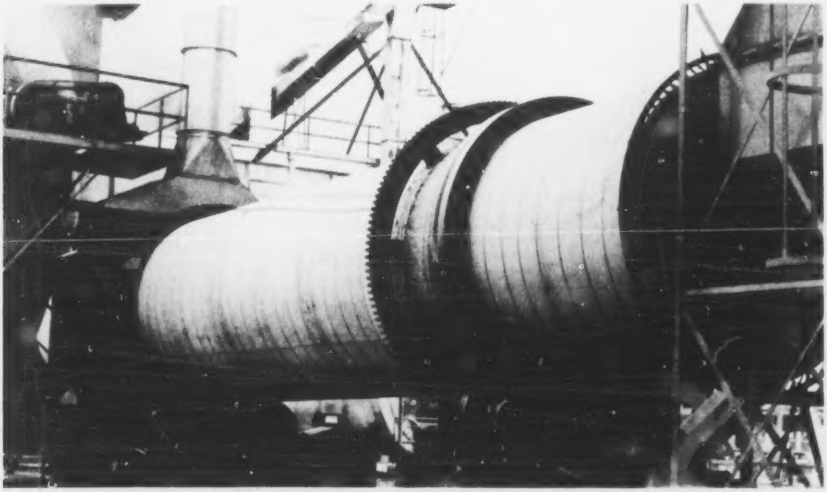

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(India)
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S.A. Fractionnement
Tirtiaux (Belgium)
Sullivan Systems Inc.
Troika Processes Pvt. Ltd.
(India)
Universal Seeds & Oil
Products Company (Israel)
Westfalia Separator AG
(Fed. Rep. of Germany)
Wurster & Sanger Inc.

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Dickey-john Corporation
Fagrave S.A. (Colombia)
Pacific Scientific,
Gardner/Neotec
Instrument Div.
Tecator Inc.
Technicon Industrial
Systems
Vishwa Oil Products Ltd.
(India)

PROTEIN PLANTS

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Cargill Agricola S.A.
(Brazil)
De Smet Corporation
Dravo Engineers, Inc.
EMI Corporation
Fratelli De Vita S.p.A. (Italy)
French Oil Mill
Machinery Company
Gebr. Paschedag GmbH
(Fed. Rep. of Germany)
H.L.S. Ltd. (Israel)
Charles Isdale
& Associates, Inc.
Italmecanica Industria E
Comercio De Maquinas E
Equipamentos Ltda.
(Brazil)
Krupp Industrietechnik
GmbH (Fed. Rep.
of Germany)
Oil & Fat Consulting
N.V. (Belgium)
Pennwalt India Limited
(India)
Simon-Rosedowns Ltd.
(England)
Troika Processes Pvt. Ltd.
(India)
Universal Seeds & Oil
Products Company (Israel)
Vishwa Oil Products Ltd.
(India)
Westfalia Separator AG
(Fed. Rep. of Germany)

SCREENERS

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Crippen Mfg. Co., Inc.
Damman-Croes S.A.
(Belgium)
Forsbergs Inc.
French Oil Mill
Machinery Company
Gustafson, Inc.
H.L.S. Ltd. (Israel)
Hagan Manufacturing Co.
S. Howes Co., Inc.
N. Hunt Moore
& Assoc., Inc.
Prater Industries, Inc.
Rotex Inc.
Sprout-Waldron Division,
Koppers Company, Inc.
Sweco, Inc.
Triple/S Dynamics, Inc.
Troika Processes Pvt. Ltd.
(India)
D.W. Tyler Company

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North American
Laboratory Co., Inc.
Troika Processes Pvt. Ltd.
(India)

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(Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
H.L.S. Ltd. (Israel)
Krupp Industrietechnik
GmbH (Fed. Rep.
of Germany)
Neumunz Inc.
Oil & Fat Consulting
N.V. (Belgium)
Votator Div., Cherry-Burrell
Wurster & Sanger Inc.

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Bernardini CMB S.p.A.
(Italy)
De Smet Corporation
Extraktionstechnik
Gesellschaft fur
Anlagenbau GmbH
(Fed. Rep. of Germany)
Fagrave S.A. (Colombia)
Franz Kirchfeld
GmbH & Co. KG
(Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill
Machinery Company
H.L.S. Ltd. (Israel)
Krupp Industrietechnik
GmbH (Fed. Rep.
of Germany)
Masiero Industrial S.A.
(Brazil)
Myers Engineers
Neumunz Inc.
Oil & Fat Consulting
N.V. (Belgium)
PSI Process Systems, Inc.
Pennwalt India Limited
(India)
Sullivan Systems Inc.
Troika Processes Pvt. Ltd.
(India)
Votator Div., Cherry-Burrell
Wurster & Sanger Inc.

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(Brazil)

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De Smet Corporation
Desarrollo Industrial Ings. S.A. (Mexico)
Do-Well Oil Plants Private Ltd. (India)
Dravo Engineers, Inc.
Extraktionstechnik Gesellschaft fur Anlagenbau GmbH (Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
H.L.S. Ltd. (Israel)
Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
Masiero Industrial S.A. (Brazil)
N. Hunt Moore & Assoc., Inc.
Moorhead Machinery & Boiler Company
Myers Engineers
Oil & Fat Consulting N.V. (Belgium)
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Simon-Rosedowns Ltd. (England)
Superior Welding Company
Tecator Inc.
Troika Processes Pvt. Ltd. (India)
Universal Seeds & Oil Products Company (Israel)
Wurster & Sanger Inc.

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Cargill Agricola S.A. (Brazil)
Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
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De Smet Corporation
Desarrollo Industrial Ings. S.A. (Mexico)
Do-Well Oil Plants Private Ltd. (India)
Dravo Engineers, Inc.
DuMond Company, Inc.
EMI Corporation
Extraktionstechnik Gesellschaft fur Anlagenbau GmbH (Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
H.L.S. Ltd. (Israel)
Hagan Manufacturing Co.
Charles Isdale & Associates, Inc.
Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
Masiero Industrial S.A. (Brazil)
N. Hunt Moore & Assoc., Inc.
Moorhead Machinery & Boiler Company
Myers Engineers
Oil & Fat Consulting N.V. (Belgium)
Process Mechanical, Inc.
Simon-Rosedowns Ltd. (England)
Superior Welding Company
Tecator Inc.
Troika Processes Pvt. Ltd. (India)
Universal Seeds & Oil Products Company (Israel)
Votator Div., Cherry-Burrell
Wurster & Sanger Inc.

SOLVENT VAPOR DETECTION & CONTROL

ERDCO Engineering Co.

SOLVENTS

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Charter International Oil Co.
Drake Petroleum Company
Exxon Company, USA
Getty Oil Company
Masiero Industrial S.A. (Brazil)
Phillips Chemical Company
Troika Processes Pvt. Ltd. (India)
Union Chemicals Div.

SOYMILK & TOFU EQUIPMENT SYSTEMS

Alfa-Laval (Sweden)
Bean Machines Inc.
Quong Hop & Co.
Soya Technology Systems Ltd. (Singapore)
Takai Tofu & Soymilk Equipment Co. (Japan)
Vishwa Oil Products Ltd. (India)
Westfalia Separator AG (Fed. Rep. of Germany)

USED EQUIPMENT

American Drynamics, Inc.
Creason Corrugating & Machinery Co. Inc.
DuMond Company, Inc.
DuVal Industrial Foreign Trade Corporation
EPE Incorporated

WINTERIZATION EQUIPMENT

Alfa-Laval (Sweden)
Costruzioni Meccaniche Bernardini CMB S.p.A. (Italy)
De Smet Corporation
Desarrollo Industrial Ings. S.A. (Mexico)
EMI Corporation
Extraktionstechnik Gesellschaft fur Anlagenbau GmbH (Fed. Rep. of Germany)
C.A. Facegra (Venezuela)
Franz Kirchfeld GmbH & Co. KG (Fed. Rep. of Germany)
Fratelli De Vita S.p.A. (Italy)
French Oil Mill Machinery Company
H.L.S. Ltd. (Israel)
Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
Masiero Industrial S.A. (Brazil)
Myers Engineers
Neumunz Inc.
Oil & Fat Consulting N.V. (Belgium)
PSI Process Systems, Inc.
Sullivan Systems Inc.
Troika Processes Pvt. Ltd. (India)
Universal Seeds & Oil Products Company (Israel)
Vishwa Oil Products Ltd. (India)
Westfalia Separator AG (Fed. Rep. of Germany)
Wurster & Sanger Inc.

Farm Equipment & Supplies

BELTING ACCESSORIES

Dabney-Hoover Supply Co., Inc.
Deere and Company
Flexible Steel Lacing Co.
Fort Worth Steel & Machinery
Scandura Inc.

CHEMICAL APPLICATORS GRANULAR

Deere and Company
Dickey-john Corporation
Gandy Company
Marliss Industries
Noble Division, Lear Siegler Inc.

CONVEYORS, ELEVATORS

American Drying Systems, Inc.
BLOUNT/Mix-Mill Mfg. Co.
The Chantland Co., Div. of Douglas & Lomason Co.
Dabney-Hoover Supply Co., Inc.
Dunbar Kapple
The Essmueller Co.
Feeco International, Inc.
Forsbergs Inc.
Fort Worth Steel & Machinery
Glencoe Portable Elevator Division
A. Gusmer, Inc.
Hagan Manufacturing Co.
S. Howes Co., Inc.
Jeffrey Manufacturing Div., Dresser Industries Inc.
Mayrath Industries, Inc.
Neuero Corporation
Oliver Manufacturing, Inc.
The Rapat Corporation
George A. Rolfes Company
Scandura Inc.
Screw Conveyor Corp.
Seedburo Equip. Co.
Speed-King Mfg. Co., Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Sweet Manufacturing Co.
Thomas Conveyor Company
Tramco Metal Products, Inc.
Troika Processes Pvt. Ltd. (India)
Universal Industries
Unverferth-McCurdy
Westinghouse Electric Corporation

DRYING & AERATION EQUIPMENT

American Drying Systems, Inc.
American Drynamics Inc.
Dabney-Hoover Supply Co., Inc.
Farm Fans, Inc.
Grain Systems, Inc.
A. Gusmer, Inc.
Hart-Carter Company
M & W Gear Company
Mathews Equipment Co.
Mid-America Products, Inc.
George A. Rolfes Company
Shivvers Incorporated
Zimmerman Equipment Co.

FERTILIZERS

Allied Chemical
DuVal Industrial Foreign Trade Corporation
Ecological Products, Ltd.
Gandy Company
Helena Chemical Co.
Leffingwell Division, Uniroyal Chemical
Marliss Industries
Mineral Research & Development Corp.
Monsanto Agricultural Products Company
Smith-Douglass, Inc.
Sud-Chemie A.G. (Fed. Rep. of Germany)
United States Borax & Chemical Corp.

FUNGICIDES/ SEED PROTECTANTS

BASF Wyandotte
Callahan Enterprises Inc.
Chevron Chemical Co.
Chipman Chemicals Inc.
Ciba-Geigy Corporation
Diamond Shamrock Corp.
E.I. DuPont de Nemours & Co., Inc.
Gustafson, Inc.
Helena Chemical Co.
Kalo Ag Chemicals, Inc.
Mineral Research & Development Corp.
Mobay Chemical Corporation
The Nitragin Company, Inc.
Olin Corp.
Smith-Douglass, Inc.
Terral-Norris Seed Co. Inc.
The Upjohn Company
Zoecon Crop Protection

GENERAL FARM EQUIPMENT

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Avco New Idea Farm Equip.
J.I. Case
DMI, Inc.
Deere and Company
Fleischer Manufacturing, Inc.
Gandy Company
Graham-Hoeme
Great Plains Mfg., Inc.
Howard Rotavator Company, Inc.
S. Howes Co., Inc.
International Harvester
J.E. Love Company
M & W Gear Company
Marliss Industries
Massey-Ferguson
Mathews Equipment Co.
The Nealey Company
Noble Division, Lear Siegler, Inc.
Orthman Mfg. Inc.
C.W. Randell Inc.
Sperry New Holland
Trade Link Israel Ltd. (Israel)

White Farm Equipment
Year-A-Round Corp.

GRAIN CLEANING AND SEPARATING EQUIPMENT

BLOUNT/Mix-Mill Mfg. Co.
Buhler-Miag, Inc.
Carter-Day Co.
Crippen Mfg. Co., Inc.
Dabney-Hoover Supply Co., Inc.
Farm Fans, Inc.
Forsbergs Inc.
A. Gusmer, Inc.
Gustafson, Inc.
Hagan Manufacturing Co.
interSystems, Inc.
George A. Rolfes Company
Trade Link Israel Ltd. (Israel)
Triple/S Dynamics, Inc.
Troika Processes Pvt. Ltd. (India)

HERBICIDES

American Cyanamid Company, Agricultural Division
BASF Wyandotte
Chevron Chemical Co.
Ciba-Geigy Corporation
Diamond Shamrock Corp.
E.I. DuPont de Nemours & Co., Inc.
Elanco Products Co.
Helena Chemical Co.
ICI Americas Inc.
Mobay Chemical Corporation
Monsanto Agricultural Products Company
Nor-Am Chemical Company
PPG Industries, Inc.
Rhone-Poulenc Inc.
Shell Chemical Company
Smith-Douglass, Inc.
Stewart Hybrids, Inc.
Terral-Norris Seed Co. Inc.
Union Carbide Agricultural Products Company, Inc.
Union Chemical Division
The Upjohn Company
Zoecon Crop Protection

INOCULANTS

Agricultural Laboratories
Ecological Products, Ltd.
Helena Chemical Co.
Kalo Ag Chemicals, Inc.
The Nitragin Company, Inc.
Terral-Norris Seed Co. Inc.
The Urbana Laboratories

INSECTICIDES

American Cyanamid Company, Agricultural Division
Chevron Chemical Co.
Ciba-Geigy Corporation
Diamond Shamrock Corp.
E.I. DuPont de Nemours & Co., Inc.
Gustafson, Inc.
Helena Chemical Co.
ICI Americas Inc.
Mobay Chemical Corporation
Monsanto Agricultural Products Company
Rhone-Poulenc Inc.
Shell Chemical Company
Smith-Douglass, Inc.
Union Carbide Agricultural Products Company, Inc.
Union Chamical Division
Zoecon Crop Protection

ON-FARM PROCESSING EQUIPMENT

BLOUNT/Mix-Mill Mfg. Co.
DuVal Industrial Foreign Trade Corporation
Gustafson, Inc.
Hagan Manufacturing Co.
Simon-Rosedowns Ltd. (England)
Stewart Hybrids, Inc.

PLANT PROTECTANTS/ GROWTH REGULATORS

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Burst AgriTech, Inc.
Westvaco Corporation

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Dickey-john Corporation
DuVal Industrial Foreign Trade Corporation
Hagan Manufacturing Co.
Howe Richardson Co.
S. Howes Co., Inc.
InterSystems, Inc.
Seedburo Equip. Co.
Troika Processes Pvt. Ltd. (India)
Westweigh Scale Co.

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DuVal Industrial Foreign Trade Corporation
Farm Fans, Inc.
Gandy Company
Hagie Manufacturing Co.
Kawasaki Motors Corp. (U.S.A.)
George A. Rolfes Company
Shannon Tractor Co., Inc.
Spraying Systems Co.

STORAGE UNITS

Chicago Eastern Corp.
Dabney-Hoover Supply Co., Inc.
Grain Systems, Inc.
Hagan Manufacturing Co.
Mathews Equipment Co.
C.W. Randell Inc.
Sprout-Waldron Division, Koppers Company, Inc.
Universal Seeds & Oil Products Company (Israel)
Webco Tank, Inc.

TEMPERATURE MONITORS

Dabney-Hoover Supply Co., Inc.
Dickey-john Corporation
Hagan Manufacturing Co.
Honeywell/Process Control Division
InterSystems, Inc.
Mathews Equipment Co.
The Partlow Corporation
George A. Rolfes Company

USED EQUIPMENT

American Drynamics Inc.
DuMond Company, Inc.
DuVal Industrial Foreign Trade Corporation
Hagie Manufacturing Co.
Mathews Equipment Co.

Commercial Services

ANALYTICAL LABORATORIES

A & L Plains Laboratories, Inc.
Alfa-Laval (Sweden)
Arizona Testing Lab
Charles V. Bacon Inc.
Barrow Agee Laboratories Inc.
Chem-Staat Laboratories, Inc.
Curtis and Tompkins, Ltd.
Fox Testing Laboratory
Geo. W. Gooch Laboratories, Ltd.
Hahn Laboratories
Industrial Laboratories
Ingman Laboratories, Inc.
Iowa Testing Laboratories, Inc.
Jennings Laboratories Inc.
Laucks Testing Laboratories Inc.
Law & Co.
Morning Star Labs Inc.
New Jersey Feed Laboratory, Inc.
North American Laboratory Co., Inc.
Oliver Manufacturing, Inc.
POS Pilot Plant Corporation
Pattison's Laboratories, Inc.
Pope Testing Laboratories Inc.
SGS Control Services Inc.
Simon-Rosedowns Ltd. (England)
Southwell Laboratory
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Tenco Laboratories
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Globe Engineering Corporation
Industry General Corp.
Krupp Industrietechnik GmbH (Fed. Rep. of Germany)
Lurgi GmbH (Fed. Rep. of Germany)
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Moorhead Machinery & Boiler Company
Newell Machinery Co., Inc.
Oil & Fat Consulting N.V. (Belgium)
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Dennis E. Roby & Associates Inc.
Rust International Corporation
Soypro International, Inc.
Sprout-Waldron Division, Koppers Company, Inc.
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Do-Well Oil Plants Private Ltd. (India)
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Franz Kirchfeld GmbH & Co. KG (Fed. Rep. of Germany)
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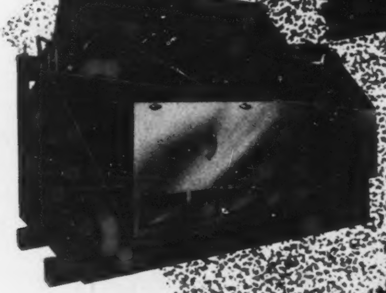

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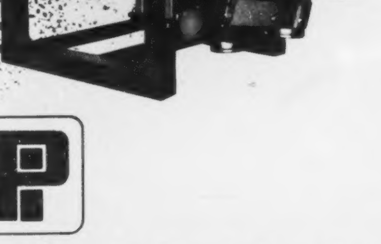

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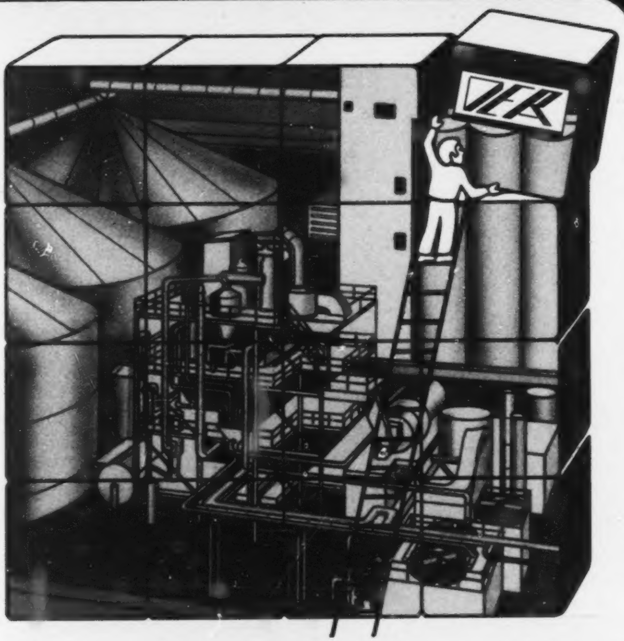

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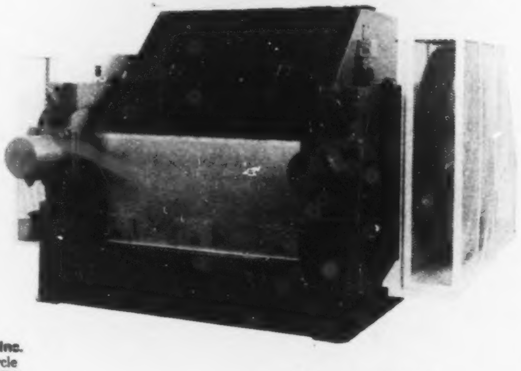

Mark III 28 × 52 Flaking Mill

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CONTACT PERSON: Ross Brian, Pres.
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TLX: 431-0033 (BUHLER MPS).
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2411 United Lane, Elk Grove Village, IL 60007,
Ph. 312-595-7474;
TLX: 282413 (BUSS CDX ELGR).
CONTACT PERSON: Edmund Meier
PRODUCTS UNDER: Commercial Equipment and Supplies

C

CE BAUER*
P.O. Box 968, Springfield, OH 45501,
Ph. 513-390-3400;
TLX: 020-5411 (BAUER BROS SPI).
CONTACT PERSON: R.W. Kepner
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

CVC PRODUCTS, INC.*
525 Lee Rd., Box 1886, Rochester, NY 14603,
Ph. 716-458-2550; TLX: 97-8269.
CONTACT PERSON: Christine Whitman, Prod. Mgr.
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

CALIFORNIA PELLET MILL CO.*
1114 E. Wabash Ave., Crawfordsville, IN 47933,
Ph. 317-362-2600; TLX: 27-6200 (IRCPCW);
810-268-0350 (IRCCPCR).
CONTACT PERSON: Roy A. Robinson,
W.E. Bennett or Cal Wise
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

CALLAHAN ENTERPRISES INC.*
1122 E. 169 St., Westfield, IN 46047,
Ph. 317-896-5551.
CONTACT PERSON: Roger T. Kemper
PRODUCTS & SERVICES UNDER: Farm Equipment & Supplies; Commercial Services

CALSICAT DIVISION*
Mallinckrodt, Inc.
1707 Gaskell Ave., Erie, PA 16503,
Ph. 814-455-0951; TLX: 91-4402 (CALSICAT ERI).

CONTACT PERSON: Bert L. Major
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

CAMBRIAN PROCESSES*
Division of Cambrian
Engineering Group Ltd.
2465 Cawthra Rd., Ste. 112, Mississauga,
Ontario, Canada L5A 3P2, Ph. 416-272-1400;
TLX: 069-61165 (CAMBRIAN MSGA).
CONTACT PERSON: Peter Sleggs
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

CARGILL AGRICOLA S.A.*
Affiliate of Cargill, Inc.,
Minneapolis, MN, USA
Rua Olavo Bilac 157, Sao Paulo, Brazil 04671,
Ph. 5488122 or 5489022; TLX: 21268 (CARG).
CONTACT PERSON: Hercules Migliacci or Jose Roberto G. Ferreira
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

CARTER-DAY CO.*
500 73rd Ave. N.E., Minneapolis, MN 55432,
Ph. 612-571-1000; TLX: 29-0684.
CONTACT PERSON: T.E. Hartman
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

J.I. CASE COMPANY*
700 State St., Racine, WI 53404,
Ph. 414-636-6869.
PRODUCTS UNDER: Farm Equip. & Supplies

THE CHANTLAND CO.*
Div. of Douglas & Lomason Co.,
P.O. Drawer A, Humboldt, IA 50548,
Ph. 515-332-4040; TWX: 910-523-6942.
CONTACT PERSON: Richard Mattoon, Mktg. Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

CHARTER INTERNATIONAL OIL CO.*
P.O. Box 87535, Houston, TX 77287,
Ph. 713-640-4700.
CONTACT PERSON: Alfred G. Youens
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

CHASE BAG CO.*
2 Greenwich Plaza, Greenwich, CT 06830,
Ph. 203-661-3400;
TWX: 710-579-2929 (CHASE BAG).
CONTACT PERSON: J.F. Coneys
PRODUCTS UNDER: Commercial Equipment & Supplies

CHEM-STAAT LABORATORIES, INC.*
2008 Sergeant, Suite 200, P.O. Box 2527,
Joplin, MO 64803, Ph. 417-781-2666.
CONTACT PERSON: Garrett Staat or Randy Ford
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services

CHEMICAL AGRICULTURAL PROCESSES (CAP, Inc.)*
P.O. Box 309, Mt. Zion, IL 62549,
Ph. 217-864-5616.
CONTACT PERSON: E.E. Petty
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

CHESSIE SYSTEM*
C&O/B&O/WM Railroads, CSX Corp.
One Charles Center, Baltimore, MD 21201,
Ph. 301-237-2727; TLX: 87846.
CONTACT PERSON: Jay R. Angle, Mgr. Grain Mill Products
SERVICES UNDER: Commercial Services

CHEVRON CHEMICAL COMPANY*
575 Market St., San Francisco, CA 94105,
Ph. 415-894-3043; TLX: 34410 (SOCOSAN SFO);
TWX: 910372-7340 (SOCOSAN SFO).
CONTACT PERSON: L.H. Sutherland
PRODUCTS UNDER: Farm Equip. & Supplies

CHICAGO EASTERN CORPORATION
200 N. Prospect St., Marengo, IL 60152,
Ph. 815-568-7264.
CONTACT PERSON: Keith McLaughlin
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

CHIEF INDUSTRIES, INC.*
Old West Hwy. 30, P.O. Box 2078,
Grand Island, NE 68802, Ph. 308-382-8820;
TWX: 910-629-3713 (CHIEF IND GRID).
PRODUCTS UNDER: Commercial Equipment & Supplies

CHIPMAN CHEMICALS INC.*
P.O. Box 718, River Rouge, MI 48218,
Ph. 416-643-4123.
CONTACT PERSON: J.S. Gilmore
PRODUCTS UNDER: Farm Equip. & Supplies

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Agricultural Div.
P.O. Box 18300, Greensboro, NC 27419,
Ph. 919-292-7100.
CONTACT PERSON: G.D. "Skip" Ragland
PRODUCTS UNDER: Farm Equip. & Supplies

CLAYTON BROKERAGE CO.
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7701 Forsyth Blvd., Suite 300, St. Louis, MO 63105,
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CONTACT PERSON: William R. Channels
SERVICES UNDER: Commercial Services

CODEMA, INC.*
5508 N. Douglas Dr., Minneapolis, MN 55429,
Ph. 612-535-4354; TLX: 290328 (CODEMA CYSL).
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PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

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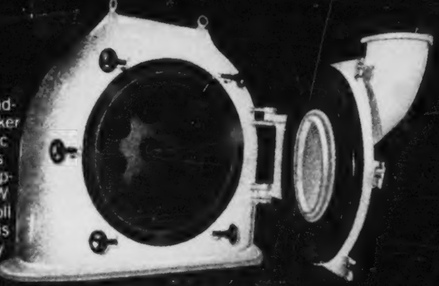

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CONTACT PERSON: Tom Waclawik
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SERVICES UNDER: Commercial Services

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2 Via dei Castelli Romani, 00040,
Pomezia-Rome, Italy, Ph. 9120251/52/53;
TLX: 610220 (CMB I).
CONTACT PERSON: Vittorio Colucci
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

COUNTRY BRAND SEEDS, INC.*
4735 Sergeant Rd., Waterloo, IA 50701,
Ph. 319-233-5504;
TLX: 465650 (JED GRAIN CFLS).
CONTACT PERSON: James Dunn, Pres.
SERVICES UNDER: Commercial Services

CREASON CORRUGATING & MACHINERY CO. INC.
5844 N. Broadway, Wichita, KS 67219,
Ph. 316-744-0061.
CONTACT PERSON: Henry H. Stark
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

CRIPPEN MFG. CO., INC.*
700 West End St., Alma, MI 48801,
Ph. 517-463-2119.
CONTACT PERSON: Robert E. Frevert
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

CROWN IRON WORKS COMPANY*
1229 Tyler St. N.E., P.O. Box 1364,
Minneapolis, MN 55440-1364, Ph. 612-781-3101;
TLX: 290204 (CROWN MPS).
CONTACT PERSON: Glenn D. Brueske
PRODUCTS UNDER: Commercial and Soy Product Processing Equip. & Supplies

CURTIS AND TOMPKINS, LTD.*
290 Division St., San Francisco, CA 94103,
Ph. 415-861-1863; TLX: 171042 (ANALYST SFO)
CONTACT PERSON: Bruce Godfrey
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services

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D

DMI, INC.*
P.O. Box 65, Goodfield, IL 61742,
Ph. 309-965-2233.
CONTACT PERSON: Ivan D. Rieke
PRODUCTS UNDER: Farm Equip. & Supplies

DABNEY-HOOVER SUPPLY CO. INC.
61 W. Georgia Ave., P.O. Box 692,
Memphis, TN 38101, Ph. 901-523-8061.
CONTACT PERSON: C.W. Hoover III
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DAEJIN AUDIO CO., LTD.
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TLX: K25165 (DJINTER)
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DAIRYLAND SEED CO., INC.*
3570 Hwy. H, P.O. Box 958,
West Bend, WI 53095, Ph. 414-338-0163.
CONTACT PERSON: Thomas G. Strachota
SERVICES UNDER: Commercial Services

DAMMAN-CROES S.A.*
51 Spanjestreet, Roeselare, Belgium,
Ph. 204343; TLX: 81548 (DAMMAN B).
CONTACT PERSON: Pierre De Poorter, Mgr.
PRODUCTS UNDER: Commercial and Soy Product Processing Equip. & Supplies

DAVENPORT MACHINE & FOUNDRY CO.*
1628 W. 4th St., P.O. Box 3339,
Davenport, IA 52808, Ph. 319-322-6201;
TLX: 468-466 (DAVMACHINE DVP).
CONTACT PERSON: Frank Bialobreski, Gen. Sales Mgr.
PRODUCTS UNDER: Commercial Equipment & Supplies

DAVY BAMAG GmbH*
P.O. Box 460, D-6308 Butzbach, Fed. Rep. of Germany, Ph. 06033 831; TLX: 4184487.
CONTACT PERSON: M. Nikutowski, Sales Dir.
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

DE SMET U.S.A. CORPORATION*
2625 Cumberland Parkway, Suite 200,
Atlanta, GA 30339, Ph. 404-436-0061;
TLX: 804249; Other offices: Buenos Aires, Argentina, Ph. 111267; Antwerp, Belgium, Ph. 4494240; Sao Paulo, Brazil, Ph. 815-6022; Bogota, Colombia, Ph. 235-9664; Kuala Lumpur, Malaysia; Florencia, Mexico, Ph. 533-4024; Makati, Rizal, Philippines, Ph. 8181381; Istanbul, Turkey, Ph. 495325.
CONTACT PERSON: Andre Stalmans, Atlanta, Georgia
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services.

DEDERT CORPORATION*
20000 Governors Dr.,
Olympia Fields, IL 60461-1074,
Ph. 312-747-7000, TLX: 25-3889.
CONTACT PERSON: Bob Hagman
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

DEERE AND COMPANY*
John Deere Rd., Moline, IL 61265,
Ph. 309-752-8000.
CONTACT PERSON: Will McCracken, PR
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

DEKALB-PFIZER GENETICS
3100 Sycamore Rd., DeKalb, IL 60115,
Ph. 815-756-3671; TLX: 257342 (DEKALB CO).
CONTACT PERSON: Soybean Product Mgr.
SERVICES UNDER: Commercial Services

DELTA AND PINE LAND CO.*
One Cotton Row, Scott, MS 38772,
Ph. 601-742-3351;
TWX: 5109929310 (COTTONSEED SCTT).
CONTACT PERSON: Danny Mathews
SERVICES UNDER: Commercial Services

DESARROLLO INDUSTRIAL INGS. S.A.*
Av. Casma 515, Col. Churubusco Tepeyac,
Deleg. Gustavo A. Madero, Mexico D.F. 07730,
Ph. 754-37-88 or 754-32-53;
TLX: 017-73944 (PBTV ME).
CONTACT PERSON: Anacleto Gonzalez Flores
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

DIAMOND SHAMROCK CORP.
1100 Superior Ave., Cleveland, OH 44114,
Ph. 216-694-5000.
CONTACT PERSON: K. Schwartau, Prod. Mgr.
PRODUCTS UNDER: Farm Equip. & Supplies

DICKEY-john CORPORATION*
P.O. Box 10, Auburn, IL 62615,
Ph. 217-438-3371.
CONTACT: Customer Relations Dept.
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

DIKTIC INC.*
P.O Box 309, Mt. Zion, IL 62549,
Ph. 217-864-5616.
CONTACT PERSON: E.E. Petty
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

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Ph. 615-229-4664; TLX: 553450 (TEC ECPI KSTA);
TWX: 810-574-5174 (TEC ECPI KPT).
CONTACT PERSON: T.R. Fields, Purchasing Engr.
SERVICES UNDER: Commercial Services

DIVINE ENGINEERING, INC.*
5440 6th St. S.W., Cedar Rapids, IA 52404,
Ph. 319-365-0564.
CONTACT PERSON: Jared S. Hills
PRODUCTS UNDER: Commercial Equipment & Supplies

DO-WELL OIL PLANTS PRIVATE LIMITED*
306, Manish Commercial Centre,
Dr. Annie Besant Road, Bombay, India 400025,
Ph. 422-4056, 422-7219 and 422-6350;
TWX: DOTRACT-BOMBAY 25.
CONTACT PERSON: Devinder Malhotra, Mgr. Dir.
PRODUCTS & SERVICES UNDER: Commercial, Soy Product Processing Equip. & Supplies; Commercial Services

DRAKE PETROLEUM COMPANY*
6231 N. Pulaski Rd., Chicago, IL 60646,
Ph. 312-588-2060; TWX: 910-221-5275.
CONTACT PERSON: W.A. Kelley
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

DRAVO ENGINEERS, INC.*
One Oliver Plaza, Pittsburgh, PA 15222,
Ph. 412-566-3655; TLX: 86-6125 (DRAVO PGH).
CONTACT PERSON: William A. Coombes
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

DRIALL, INC.*
Box 309, Attica, IN 47918, Ph. 317-295-2255.
CONTACT PERSON: William G. Applegate
PRODUCTS UNDER: Commercial Equipment & Supplies

DuMOND COMPANY, INC.*
925 Curtiss St., P.O. Drawer E,
Downers Grove, IL 60515, Ph. 312-969-2010;
TLX: 270067 (DUMOND DOVE).
CONTACT PERSON: Donald E. Stallter
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

DUNBAR KAPPLE*
602 North 12th Street, St. Charles, IL 60174,
Ph. 312-377-1817; TLX: 720438 (DUNBAR BVAI).
CONTACT PERSON: Bert Erickson
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JAMES E. DUNN GRAIN SERVICES, INC.*
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Ph. 319-233-5504;
TLX: 465650 (JED GRAIN CFLS).
CONTACT PERSON: James Dunn, Pres.
SERVICES UNDER: Commercial Services

E.I. DuPONT de NEMOURS & CO, INC.*
1007 Market St., Wilmington, DE 19898,
Ph. 302-774-2421.
CONTACT: Product Information Center
PRODUCTS UNDER: Farm Equip. & Supplies

DuVAL INDUSTRIAL FOREIGN TRADE CORPORATION*
12345 W. Alameda Pkwy. 211,
Lakewood, CO 80228, Ph. 303-987-1110;
TLX: 216180 (DVAL UR).

CONTACT PERSON: R.V. Millers
PRODUCTS & SERVICES UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies; Commercial Services

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E

EMI CORPORATION*
3166 Des Plaines Ave., Des Plaines, IL 60018,
Ph. 312-827-3164; TLX: 726354 (EMI DSP).
CONTACT PERSON: William J. McPherson, Mktg. Mgr.
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

EPE INCORPORATED*
16530 Commerce Ct.,
Middleburg Hgts., OH 44130, Ph. 216-234-2500;
TWX: 810-423-9435 (COMPONENT MIHS).
CONTACT PERSON: Hans R. Strop
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services.

ECOLOGICAL PRODUCTS, LTD.*
P.O. Box 1314, Des Moines, IA 50305,
Ph. 515-282-6315.
CONTACT PERSON: John Ede
PRODUCTS UNDER: Farm Equip. & Supplies

ELANCO PRODUCTS CO.*
740 South Alabama St., Indianapolis, IN 46285,
Ph. 317-261-3000; TLX: 276051;
TWX: 810-341-3500.
CONTACT PERSONS: Tom Reeves-Treflan; Mike Baker-Sonalan; Phil Ranck-Surflan
PRODUCTS UNDER: Farm Equip. & Supplies

ELECTRICAL ENGINEERING & EQUIPMENT CO.*
1808 Delaware, Des Moines, IA 50317,
Ph. 515-266-8890.
CONTACT PERSON: John R. Pilmer
PRODUCTS UNDER: Commercial Equipment & Supplies

ELLIOTT AUTOMATION COMPANY INC.*
10903 Brooklet Dr., Houston, TX 77099,
Ph. 713-530-2108;
TLX: 79-2425 (ELL AUTO HOU).
CONTACT PERSON: Peter Elliott
PRODUCTS UNDER: Commercial Equipment & Supplies

ENTOLETER DIVISION
Safety Railway Service Corp.
251 Welton St., Hamden, CT 06511,
Ph. 203-787-3575; TLX: 963479 (ENT ACI HADN).
CONTACT PERSON: E.F. Corr
PRODUCTS UNDER: Commercial Equipment & Supplies

ERDCO ENGINEERING CORPORATION*
P.O. Box 1310, Evanston, IL 60204,
Ph. 312-328-0550;
TLX: 20-6915 (ERDCO ENG EVN).
CONTACT PERSON: Bruce Nesvig
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

THE ESSMUELLER CO.*
1220 So. 8th St., St. Louis, MO 63104,
Ph. 314-241-3223; TLX: 6971260 (ESSCO).
CONTACT PERSON: Edwin Bennett
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

EXPERIENCE, INCORPORATED*
1930 Dain Tower, Minneapolis, MN 55402,
Ph. 612-333-5231; TLX: 467326 (EXPERIENCE CI).
CONTACT PERSON: Joseph T. Pietrus, VP
SERVICES UNDER: Commercial Services

EXTRAKTIONSTECHNIK GESELLSCHAFT FUR ANLAGENBAU GmbH*
Humboldtstrasse 56, D2000-Hamburg,
Fed. Rep. of Germany,
Ph. 220-1261; TLX: 213093 (EXTEC D).
CONTACT PERSON: Peter Witt
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

EXXON COMPANY, USA*
P.O. Box 2180, Houston, TX 77001,
Ph. 713-656-4574.
CONTACT PERSON: W.J. Landry
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

F

FMC CORPORATION*
Material Handling Systems Div.
3400 Walnut St., Colmar, PA 18915,
Ph. 215-822-4300; TLX: 846491 (FMCMTHGSY COLA); TLX: 6851149 (FMCMHSPA).
CONTACT PERSON: E.J. Kaercher
PRODUCTS UNDER: Commercial Equipment & Supplies

C.A. FACEGRA*
Av. Navas Spinola, c/c Farriar Apdo. No. 1,
Valencia, Carabobo, Venezuela,
Ph. 711127 or 714870; TLX: 41171.
CONTACT PERSON: Saul Hernandez Yanez
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

FAGRAVE S.A.*
Via 40 #53B-71, Barranquilla, Colombia,
Ph. 316120; TLX: 33115 (AA2289).
CONTACT PERSON: Eduardo Rosas
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

FAIRBANKS WEIGHING DIVISION*
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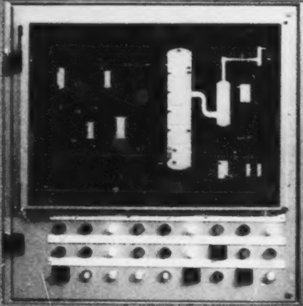

For further technical information, write or call *ANCO/VOTATOR* Div., P.O. Box 35600, Louisville, KY 40232. Telephone 502/491-4310.

*Econoflow combines Votator design concepts and is licensed from Simon-Rosedowns, Ltd.

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ANCO/VOTATOR DIVISION

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TWX: 4311057 (FALKUI).
CONTACT PERSON: H. Davis, Mgr. Std. Prod.
PRODUCTS UNDER: Commercial Equipment & Supplies

FARM FANS, INC.*
5900 Elmwood Dr., Indianapolis, IN 46203,
Ph. 317-787-6341.
CONTACT PERSON: Joe Zimmer
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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Rua Joao Caetano, 46-Caixa Postal 263,
Uberaba, Minas Gerais-Brasil 38.100,
Ph. 332-0277, 332-0339 or 332-0173.
CONTACT PERSON: Samuel Ma or Michael Ma
SERVICES UNDER: Commercial Services

FEECO INTERNATIONAL, INC.*
3913 Algoma Rd., Green Bay, WI 54301,
Ph. 414-468-1000; TLX: 263456 (FEECO GRB).
CONTACT PERSON: Tim Matzke
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

FIRST SPICE MIXING CO.*
33-33 Greenpoint Ave., Long Island City,
NY 11101, Ph. 212-361-2556.
CONTACT PERSON: Peter Epstein, VP
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

DAVE FISCHBEIN COMPANY*
2700 30th Ave. S., Minneapolis, MN 55406,
Ph. 612-721-4806;
TLX: 290963 (FISCHBEIN MSP).
CONTACT PERSON: Michael Erickson
PRODUCTS UNDER: Commercial Equipment & Supplies

FLEISCHER MANUFACTURING, INC.*
Box 848, Columbus, NE 68601,
Ph. 402-564-3244.
CONTACT PERSON: Mathew Fleischer, Pres.
PRODUCTS UNDER: Farm Equip. & Supplies

FLEXIBLE STEEL LACING COMPANY*
2525 Wisconsin Ave., Downers Grove, IL 60515,
Ph. 312-971-0150; TLX: 72-8383 (FLEXCO DOVE).
CONTACT PERSON: Harold A. Meekins, Field Sales Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

FOOD INGREDIENTS, INC.*
2300 E. Higgins Rd., P.O. Box 1557,
Elk Grove Village, IL 60007,
Ph. 312-439-3200; TLX: 206804.
CONTACT PERSON: H.S. Villars
SERVICES UNDER: Commercial Services

FOOD INGREDIENTS (MINN.) INC.*
2121 Toledo Ave. N., Golden Valley, MN 55422,
Ph. 612-588-9456; TLX: 4992551 (POLYPROINT).
CONTACT PERSON: Dale W. Johnson
SERVICES UNDER: Commercial Services

FORSBERGS INC.*
Airport Rd., P.O. Box 510,
Thief River Falls, MN 56701, Ph. 218-681-1927;
TWX: 910-561-2634 (FORSBERGS THRF).
CONTACT PERSON: Harry Donarski, Sales Mgr.
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

FORT WORTH STEEL & MACHINERY*
P.O. Box 1038, Ft. Worth, TX 76101,
Ph. 817-924-4255; TLX: 075-8249.
CONTACT PERSON: D.R. Dexheimer
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

FOX TESTING LABORATORY INC.*
P.O. Box 1299, Lubbock, TX 79408,
Ph. 806-763-4518.
CONTACT PERSON: Ronnie Fox
SERVICES UNDER: Commercial Services

THE FOXBORO COMPANY*
Foxboro, MA 02035, Ph. 617-543-8750;
TLX: 927-602 (FOXBOROCO FOXO);
TWX: 710-346-7630.
PRODUCTS UNDER: Commercial Equipment & Supplies

FRANZ KIRCHFELD GmbH & CO. KG*
Koenigsallee 17, 4000 Duesseldorf, NRW,
Fed. Rep. of Germany, Ph. 83981;
TLX: 0858 1999 (FKD D).
CONTACT PERSON: Horst Niebaum
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

FRATELLI DE VITA S.p.A.
Via Del Pontasso, 5, 16015 Casella (Genoa),
Italy, Ph. 010-937856; TLX: 270536 (RODEVI I).
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

FRENCH OIL MILL MACHINERY COMPANY*
1035 W. Greene St., Piqua, OH 45356,
Ph. 513-773-3420; TLX: 288-009 (FRENCH PIQA);
CABLE: FRENCH.
CONTACT PERSON: R. Kent Slaby
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

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G

G.E.M. CONSULTANTS, INC.*
10551 Barkley, Suite 234,
Overland Park, KS 66212, Ph. 913-642-0166;
TLX: 437131 (GEMCONS OLPK).
CONTACT PERSON: Hank Lembeck
SERVICES UNDER: Commercial Services

GANDY COMPANY*
Box 528, Owatonna, MN 55060,
Ph. 507-451-5430; TLX: 201674 (TOOLCO UR).

CONTACT PERSON: Harry Colvin,
Rod Anderson, or Henry Roensch, Jr.
PRODUCTS UNDER: Farm Equip. & Supplies

GEBR. BAUERMEISTER & CO. GmbH*
Postfach 500160, Friedensallee 44,
D-2000 Hamburg 50, Fed. Rep. of Germany,
Ph. 3910984;
TLX: 214489 or 213452 (BMSTR D).
PRODUCTS & SERVICES UNDER: Commercial, Soy Product Processing Equip. & Supplies; Commercial Services.

GEBR. PASCHEDAG GmbH*
Lennebrokstr. 18, P.O. Box 1363, Beckum,
NRDW, Fed. Rep. of Germany 4720, Ph. 2164;
TLX: 89579 (PASIN D).
CONTACT PERSON: Eduard Mesares
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

GETTY OIL COMPANY*
1437 So. Boulder, P.O. Box 3000, Tulsa, OK 74102,
Ph. 918-560-6187; TLX: 49-2405 (GETTY TUL).
CONTACT PERSON: Jerry H. Snedden
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

GLENCOE PORTABLE ELEVATOR DIVISION*
920 E. Grove, Bloomington, Il 61701,
Ph. 309-829-1235.
CONTACT PERSON: Art Mier
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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Division of CRS/Sirrine Engineering Group
222 N. Dearborn St., Chicago, IL 60601,
Ph. 312-431-6800.
CONTACT PERSON: Richard C. Powers
SERVICES UNDER: Commercial Services

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Ph. 213-269-7421.
CONTACT PERSON: Robert M. Gilpin
SERVICES UNDER: Commercial Services

GRAHAM-HOEME*
P.O. Box 3779, Amarillo, TX 79106,
Ph. 806-355-9786.
CONTACT PERSON: Ben Wasson
PRODUCTS UNDER: Farm Equip. & Supplies

GRAIN BAGGING & SHIPPING LTD.*
Pier 98, Delaware & Oregon Avenues,
Philadelphia, PA 19148, Ph. 215-468-3800;
TLX: 845219 (AGRICOM PHA).
CONTACT PERSON: Donald Franzen, Mgr.
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P.O. Box 378, Warrensburg, IL 62573,
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CONTACT PERSON: Darrell or
Thomas Hamilton
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GRAIN SYSTEMS, INC.*
East Illinois St., Box 7, Assumption, IL 62510,
Ph. 217-226-4421; TLX: 703342.
CONTACT PERSON: Lyle Edgecombe
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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Box 218, Assaria, KS 67416, Ph. 913-667-4755;
TLX: 705-212 (GREAT PLAINS UD).
CONTACT PERSON: Eric Lund
PRODUCTS UNDER: Farm Equip. & Supplies

GREIF BROS. CORP.*
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Ph. 612-423-2216.
CONTACT PERSON: Tom Dubbe
PRODUCTS UNDER: Commercial Equipment & Supplies

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404 E. Preston St., P.O. Box 388,
Selma, NC 27576, Ph. 919-965-2303; 800-672-8131;
800-334-9631; CABLE: GURLEY.
CONTACT PERSON: Herman Kurrelmeier, Pres.
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Ponndorf Maschinenfabrik GmbH
27 North Ave. East, Cranford, NJ 07016,
Ph. 201-272-9400;
TLX: 139106 and 6853061 (GUSINCO).
CONTACT PERSON: Charles W. Tannert, VP Tech. Serv.
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17400 Dallas North Pkwy., Suite 220,
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TLX: 73-0957 (GUSTAFCO DAL).
CONTACT PERSON: T.G. Austin, VP Mktg.
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H.L.S. LTD.*
Industrial Engineering Company
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HART-CARTER COMPANY
1501 First Ave., Mendota, IL 61342,
Ph. 815-539-9371;
TWX: 910-642-3082 (HART CART MNDO).
CONTACT PERSON: Sheila Halbmaier, Sls. Office Asst.
PRODUCTS UNDER: Farm Equip. & Supplies

JACOB HARTZ SEED CO., INC.*
N. Park Ave., Box 946, Stuttgart, AR 72160,
Ph. 501-673-8565;
TWX: 910-720-6244 (HARTZ SEED).
CONTACT PERSON: Dan Lamberth, Jim Craig, or Keith Thompson
SERVICES UNDER: Commercial Services

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3521 Hemphill St., P.O. Box 11217,
Fort Worth, TX 76109-0217, Ph. 817-926-3391;
TLX: 792854 (HAYESSTOLZ FTW).
CONTACT PERSON: Vernon Hayes, Pres.
PRODUCTS UNDER: Commercial Equipment & Supplies

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Memphis, TN 38137, Ph. 901-761-0050.
CONTACT PERSON: Jesper Moeller
PRODUCTS & SERVICES UNDER: Farm Equipment & Supplies; Commercial Services

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7900 W. 78th St., Minneapolis, MN 55435,
Ph. 612-828-8176; TLX: 29-0472 (HENKEL MPS).
CONTACT PERSON: Robert Winters
SERVICES UNDER: Commercial Services

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Ph. 215-641-3000.
CONTACT PERSON: Charles Bernstein
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Ph. 713-670-2563;
TLX: 792623 (HOU PUB HOU).
CONTACT PERSON: Paul Stapp
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services

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Muscoda, WI 53573,
Ph. 608-739-3106; TLX: 26-5428.
CONTACT PERSON: Betty Plane
PRODUCTS UNDER: Farm Equip. & Supplies

HOWE RICHARDSON COMPANY*
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Ph. 201-471-3400;
TLX: 133446 (HOWERICH CLF).
CONTACT PERSON: Robert Westdyk
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

S. HOWES CO., INC.*
Howard St., Silver Creek, NY 14136,
Ph. 716-934-2611;
TWX: 510-246-6935 (S HOWES SLCK).
CONTACT PERSON: Phil Petrakos
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Ph. 912-745-4751;
TLX: 54-4438 (JM HUBER HUBR).
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PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

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ICI AMERICAS INC.*
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PRODUCTS UNDER: Farm Equip. & Supplies

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CONTACT PERSON: Randy Cahoon or Don Strathdee
SERVICES UNDER: Commercial Services

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Memphis, TN 38119, Ph. 901-682-3314.
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SERVICES UNDER: Commercial Services

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Ph. 612-333-6419.
CONTACT PERSON: Robert C. Ingman
SERVICES UNDER: Commercial Services

INTERNATIONAL FOUNDATION FOR AGRICULTURAL DEVELOPMENT*
777 Craig Rd., Creve Coeur, MO 63141,
Ph. 314-432-7464;
TLX: 4312061 (USBEANS STL).
CONTACT PERSON: Gil Griffis
SERVICES UNDER: Commercial Services

INTERNATIONAL HARVESTER*
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CONTACT PERSON: J.K. Woodard
PRODUCTS UNDER: Farm Equip. & Supplies

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SERVICES UNDER: Commercial Services

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PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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CONTACT PERSON: Jack W. Henry, Pres.
SERVICES UNDER: Commercial Services

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Round Barn Box 3246, Champaign, IL 61821,
Ph. 217-351-3117.
CONTACT PERSON: Charles E. Isdale, Sr.
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

ITALMECANICA INDUSTRIA E COMERCIO DE MAQUINAS E EQUIPAMENTOS LTDA.
Rua Divisa Nova, 42,
Bairro Salgado Filho 30.000, Bela Horizonte,
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CONTACT PERSON: Alfio Russo
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

J

J.G. LIMITED, INC.*
Box M, Plymouth, IN 46563, Ph. 219-936-2193.
CONTACT PERSON: John Gerard
SERVICES UNDER: Commercial Services

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CONTACT PERSON: Thomas Hamilton, Pres.
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PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

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CONTACT PERSON: W.H. Jennings
SERVICES UNDER: Commercial Services

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CONTACT PERSON: Al Kenealy
SERVICES UNDER: Commercial Services

K

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Overland Park, KS 66211, Ph. 913-649-5525;
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CONTACT PERSON: Peter Kalustian, Pres.
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SERVICES UNDER: Commercial Services

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CONTACT PERSON: Mel Moore
PRODUCTS UNDER: Farm Equip. & Supplies

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SERVICES UNDER: Commercial Services

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CONTACT PERSON: Russell Kice, Pres.
PRODUCTS UNDER: Commercial Equipment & Supplies

KRUPP INDUSTRIETECHNIK GmbH*
Werk Harburg, Hamburg 2000,
Fed. Rep. of Germany, Ph. 771791;
TLX: 217777 (HEBH D).
CONTACT PERSON: Jurgen Werner
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

KUOK (Singapore) LTD.
15 Carpenter St., Singapore, Ph. 912711;
TLX: 21774/21295 (KUOK S).
CONTACT PERSON: Kwok Kian Hai
PRODUCTS UNDER: Commercial Equipment & Supplies

L

LAKELAND ENGINEERING EQUIPMENT CO.*
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PRODUCTS UNDER: Commercial Equipment & Supplies

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TWX: 810-591-5798.
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Ph. 206-622-0727.
CONTACT PERSON: Jim Owens
SERVICES UNDER: Commercial Services

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CONTACT PERSON: Steve Shoemaker
PRODUCTS UNDER: Farm Equip. & Supplies

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Fed. Rep. of Germany, Ph. 1573802;
TLX: 412360 (LG D).
CONTACT PERSON: Georg Penk
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

M

MCC POWERS*
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CONTACT PERSON: Jim Leman
PRODUCTS UNDER: Commercial Equipment & Supplies

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E-3/50, Arera Colony, Bhopal-462014, Bhopal,
India, Ph. 65413; TLX: 0705-248 (OILFED).
CONTACT PERSON: Moti Singh, Mgr. Dir.
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

M&W GEAR COMPANY
Rt. 47 S., Gibson City, IL 60936,
Ph. 217-784-4261;
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CONTACT PERSON: John Smith
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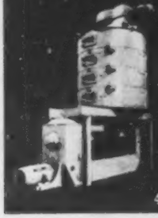
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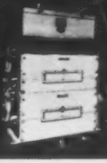
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TLX: 142-220 (MASI BR).
CONTACT PERSON: Jose Israel Maziero
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CONTACT PERSON: Phil Farr
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CONTACT PERSON: Karen Menzel
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SERVICES UNDER: Commercial Services

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Greenwich, CT 06830, Ph. 203-661-4397;
TLX: 643289 (MPI GRC).
CONTACT PERSON: Ernest F. Trescher
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

MID-AMERICA PRODUCTS, INC.*
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Ph. 217-824-9671.
CONTACT PERSON: Howard Maxwell, Sls. Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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Ph. 515-677-2605.
CONTACT PERSON: Harry H. Stine
SERVICES UNDER: Commercial Services

MIDWEST SOYA INTERNATIONAL, INC.
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Ph. 515-357-6131.
CONTACT PERSON: Kim Pleggenkuhle, Mgr.
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services

MIKROPUL CORPORATION*
10 Chatham Rd., Summit, NJ 07901,
Ph. 201-273-6360;
TLX: 138157 (MIKROPUL SUMT).
CONTACT PERSON: Penelope Leighton
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services

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CONTACT PERSON: Ed Chandler
PRODUCTS UNDER: Farm Equip. & Supplies

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Rochester, NY 14603, Ph. 716-436-5550;
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P.O. Box 4913, Hawthorn Rd.,
Kansas City, MO 64120, Ph. 816-242-2000;
TLX: 434784 (MOBAY MKT KSC).
CONTACT PERSON: K.K. Kuechmann
PRODUCTS UNDER: Farm Equip. & Supplies

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800 N. Lindbergh Blvd., St. Louis, MO 63167,
Ph. 314-694-1000; TLX: 44-7282;
TWX: 910-763-0779.
CONTACT PERSON: Customer Inquiry Center
PRODUCTS UNDER: Farm Equip. & Supplies

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Ph. 901-362-3267;
TLX: 53890 (HUNTMOORE MFS).
CONTACT PERSON: Jack G. Moore, VP
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

MOORHEAD MACHINERY & BOILER COMPANY*
3477 University Ave. N.E.,
Minneapolis, MN 55418, Ph. 612-789-3541.
CONTACT PERSON: Jon Schmoeckel, VP Eng.
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

MORNING STAR LABS, INC.
4480 Pacific Blvd., Vernon, CA 90058,
Ph. 213-582-0981.
CONTACT PERSON: Sally Dietrick
SERVICES UNDER: Commercial Services

MOSTERT OILSEEDS B.V.*
Akkerwinde 5, Werkendam 4251 JK,
Netherlands, Ph. 2600; TLX: 24657 (ZMOS NL).
CONTACT PERSON: Gerrit Mostert, Mgr. Dir.
SERVICES UNDER: Commercial Services

MOTOMCO, INC.*
267 Vreeland Ave., P.O. Box 300,
Paterson, NJ 07543, Ph. 201-345-6200.
CONTACT PERSON: Tony Abbate or Tom Saley
PRODUCTS UNDER: Commercial Equipment & Supplies

MUSKOGEE IRON WORKS, INC.
P.O. Box 188, Muskogee, OK 74402,
Ph. 918-682-5521.
CONTACT PERSON: L.J. Seely
PRODUCTS UNDER: Commercial Equipment & Supplies

MYERS ENGINEERS*
P.O. Box 1493, Decatur, IL 62525,
Ph. 217-429-2704.
CONTACT PERSON: Noel W. Myers
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

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N

NADUSTCO, INC.
1641 Poland Ave., P.O. Box 3445, New Orleans,
LA 70177, Ph. 504-949-8373 or 800-535-2670.
CONTACT PERSON: Walter Godchaux, Jr.
PRODUCTS UNDER: Commercial Equipment & Supplies

THE NEALEY COMPANY*
8767 Sunny Hill Drive, Des Moines, IA 50322,
Ph. 515-276-2171.
CONTACT PERSON: Charles R. Nealey
PRODUCTS UNDER: Farm Equip. & Supplies

NEUMUNZ INC.
117 Ft. Lee Rd., Leonia, NJ 07605,
Ph. 201-592-0980; TLX: 135170 (LEON).
CONTACT PERSON: George M. Neumunz
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

NEUERO CORPORATION*
1201 Hawthorne Lane, West Chicago, IL 60185,
Ph. 312-231-9020; TLX: 21039 (NERO UR).
CONTACT PERSON: Michael W. Hill
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

NEW JERSEY FEED LABORATORY, INC.*
910 Pennsylvania Ave., Trenton, NJ 08638,
Ph. 609-392-8818;
TWX: 510-681-8425 (NJFEEDLAB TRN).
CONTACT PERSON: Carl W. Schulze, Pres.
SERVICES UNDER: Commercial Services

NEWELL MACHINERY CO., INC.*
5501 North Towne Place N.E.,
Cedar Rapids, IA 52402, Ph. 319-393-1610.
CONTACT PERSON: Jon W. Janda or Jack Andersen
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services

THE NITRAGIN COMPANY, INC.*
3101 W. Custer Ave., Milwaukee, WI 53209,
Ph. 414-462-7600;
TWX: 910-262-1103 (NITRAGIN MIL).
CONTACT PERSON: Peter C. Anderson
PRODUCTS UNDER: Farm Equip. & Supplies

NOBLE DIVISION
Lear Siegler, Inc.
515 N. 16th St., Sac City, IA 50583,
Ph. 712-662-4731.
CONTACT PERSON: John Engelmann, VP Sls.
PRODUCTS UNDER: Farm Equip. & Supplies

NOR-AM CHEMICAL COMPANY*
3509 Silverside Rd., P.O. Box 7495,
Wilmington, DE 19803, Ph. 302-575-2014;
TLX: 835475.
CONTACT PERSON: George E. Jones, Dir. Comm.
PRODUCTS UNDER: Farm Equip. & Supplies

NORTH AMERICAN LABORATORY CO., INC.*
1717 W. 10th St., Indianapolis, IN 46222,
Ph. 317-635-9500; TLX: 276222 WU Pubtlx Ind.
CONTACT PERSON: Kamal Hyder, Dir. Mktg.
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

NORTH AMERICAN PLANT BREEDERS*
5201 Johnson Dr., P.O. Box 2955,
Mission, KS 66201, Ph. 913-384-4940;
TWX: 910-743-4160 (NAPB MISSION).
CONTACT PERSON: Keith Flynn, Sr. Mktg. Mgr.
SERVICES UNDER: Commercial Services

NORTHRUP KING CO.
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Ph. 612-781-8011; TLX: 290143;
TWX: 910-576-3420.
CONTACT PERSON: John Edlin, Prod. Mgr.
SERVICES UNDER: Commercial Services

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Ph. 234-4111 or 234-4425; TLX: 64860 (TRACT B).
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Ph. 312-321-1515 or 800-621-7191;
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CONTACT PERSON: Mark Johnson, Gen. Mgr.
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Nunez de Balboa, 108, Madrid-6, Spain,
Ph. 411-46-13 or 411-01-47;
TLX: 45.302 & 46.918 (OLEA E).
CONTACT PERSON: Juan Zamorano
SERVICES UNDER: Commercial Services

OLIN CORP.
Box 991, Little Rock, AR 72203, Ph. 501-378-3726;
TWX: 910-722-7371 (OLIN LRK).
CONTACT PERSON: D.H. Sparks
PRODUCTS UNDER: Farm Equip. & Supplies

OLIVER MANUFACTURING COMPANY
P.O. Box 512, Rocky Ford, CO 81067,
Ph. 303-254-7814.
CONTACT PERSON: William J. Donnell
PRODUCTS & SERVICES UNDER: Commercial and Farm Equipment & Supplies; Commercial Services

ORTHMAN MFG. INC.*
P.O. Box B, Lexington, NE 68850,
Ph. 308-324-4654.
CONTACT PERSON: Otto Bihlmaier
PRODUCTS UNDER: Farm Equip. & Supplies

OXFORD ANALYTICAL INSTRUMENTS LTD.*
20 Nuffield Way, Abingdon OX14 1TX, England,
Ph. 32123; TLX: 83621 (OAINST G).
CONTACT PERSON: Martin J. Adams
PRODUCTS UNDER: Commercial Equipment & Supplies

OXFORD INSTRUMENTS NORTH AMERICA, INC.
3 New England Executive Park,
Burlington, MA 01803, Ph. 617-229-6500;
TLX: 951352 (OXINST BURL).
PRODUCTS UNDER: Commercial Equipment & Supplies

P

POS PILOT PLANT CORPORATION*
U of S Campus, Saskatoon, Saskatchewan,
Canada S7N 2R4, Ph. 306-665-7791;
TLX: 074-2882 (POS SKN).
CONTACT PERSON: Dennis Jones
SERVICES UNDER: Commercial Services

PPG INDUSTRIES, INC.
One Gateway Center, Pittsburgh, PA 15222,
Ph. 412-434-3873.
CONTACT PERSON: Tom Zinninger
PRODUCTS UNDER: Farm Equip. & Supplies

PSI PROCESS SYSTEMS, INC.
4466 Elvis Presley Blvd., Suite 300,
Memphis, TN 38116, Ph. 901-345-8760;
TLX: 810-591-1122 (PSI MFS).
CONTACT PERSON: Philip Bollheimer
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

PT COMPONENTS, INC.*
7545 Rockville Rd., Box 802,
Indianapolis, IN 46206, Ph. 317-241-9201;
TLX: 27-2228.
CONTACT PERSON: Bert W. Beecher
PRODUCTS UNDER: Commercial Equipment & Supplies

PACIFIC SCIENTIFIC*
Gardner/Neotec Instrument Div.
2431 Linden Ln., Silver Spring, MD 20910,
Ph. 301-495-7000 or 800-638-2790; TLX: 908161 (PACSCI); TWX: 710-825-9766 (PAC SCISUR).
CONTACT PERSON: Judy Beier
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

PANOCEAN SOUTHLAND INC.*
P.O. Box 7390, Greene St.,
Georgia Ports Authority, Savannah, GA 31408,
Ph. 912-964-1811;
TWX: 810-784-5659 (PANSOUTH).
CONTACT PERSON: C. David Baker
SERVICES UNDER: Commercial Services

THE PARTLOW CORPORATION
Campion Road, New Hartford, NY 13413,
Ph. 315-797-2222; TLX: 93-7428.
CONTACT PERSON: William White, Comm. Mgr.
PRODUCTS UNDER: Farm Equip. & Supplies

PATTISON'S LABORATORIES, INC.*
211 E. Monroe, P.O. Box 346,
Harlingen, TX 78550, Ph. 512-423-3196.
CONTACT PERSON: Kenneth J. Kalens, Dir.
SERVICES UNDER: Commercial Services

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507, KaKad Chambers, Dr. A.B. Rd., Worli,
Bombay 400 018, India, Ph. 372702, 391267, 891496 & 891255; TLX: 011-2091 (PENN IN).
CONTACT PERSON: S.D. Kashyap or L.R. Malik
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

PHELPS INDUSTRIES, INC.
P.O. Box 1093, 1170 E. 9th St.,
Little Rock, AR 72203, Ph. 501-375-1141.
CONTACT PERSON: Charles Peterson
PRODUCTS UNDER: Commercial Equipment & Supplies

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Bridgestone I, 2600 N. Loop West,
Houston, TX 77092, Ph. 713-682-6066;
TWX: 910-881-5031.
CONTACT PERSON: W.R. Pullin
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

PONNDORF MASCHINENFABRIK GmbH*
Leipziger Strasse 374, P.O. Box 10-28-60,
3500 Kassel, Fed. Rep. of Germany,
Ph. 51140; TLX: 99760.
CONTACT PERSON: Peter Boll
PRODUCTS UNDER: Commercial Equipment & Supplies

POPE TESTING LABORATORIES INC.*
P.O. Box 903, Dallas, TX 75221,
Ph. 214-742-8491.
CONTACT PERSON: Leon Hunter
SERVICES UNDER: Commercial Services

PORT OF NEW ORLEANS*
P.O. Box 60046, New Orleans, LA 70160,
Ph. 504-522-2551; TLX: 58-7496.
CONTACT PERSON: Harvey Busch, Sales Mgr.
SERVICES UNDER: Commercial Services

PRATER INDUSTRIES, INC.*
1515 S. 55th Ct., Chicago, IL 60650,
Ph. 312-656-8500;
TLX: 28-4312 (PRATER CO CHO).
CONTACT PERSON: Jay R. Howell, Prod. Mgr.
PRODUCTS & SERVICES UNDER: Commercial and Soy Product Processing Equipment & Supplies; Commercial Services

PROCESS MECHANICAL, INC.*
6840-20 Shingle Creek Pkwy.,
Minneapolis, MN 55430, Ph. 612-566-8338.
CONTACT PERSON: Ben J. Mescher
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

PRO-SEED INC.*
236 Sugar St., Box 55, Blissfield, MI 49228,
Ph. 517-486-3520;
TLX: 241046 (SEAWAY FWD TOL).
CONTACT PERSON: Ronald M. Jacob, VP
SERVICES UNDER: Commercial Services

PULLMAN LEASING COMPANY*
200 S. Michigan Ave., Chicago, IL 60604,
Ph. 312-322-7070.
CONTACT PERSON: Neil G. Johnson, VP Sales
SERVICES UNDER: Commercial Services

Q

QUONG HOP & CO.*
161 Beacon St., South San Francisco, CA 94080,
Ph. 415-761-2022.
CONTACT PERSON: Jim Miller, Dir., Mktg. & Sales
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

QUONSET
P.O. Box 40529, Houston, TX 77040,
Ph. 713-466-2350.
CONTACT PERSON: Joe Haller
PRODUCTS UNDER: Commercial Equipment & Supplies

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J. RAKOSKY SERVICES, INC.*
5836 Crain St., Morton Grove, IL 60053,
Ph. 312-966-7660.
CONTACT PERSON: Joseph Rakosky
PRODUCTS UNDER: Commercial Services

C.W. RANDELL INC.
Box 865, Cedar Falls, IA 50613,
Ph. 319-277-6121;
TLX: 465642 (RANDELL CFLS).
CONTACT PERSON: Wes Randell
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Hawley Industrial Park, Hawley, MN 56549,
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CONTACT PERSON: Dennis Wamre
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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PRODUTOS AGRICOLAS LTDA.
Av. Nove de Julho, 5966-8°-81, 01406,
Sao Paulo, Brazil, Ph. 852-0102, 852-9701,
280-4813; TLX: 24418 (SUDX BR).
CONTACT PERSON: Paulo E.R. da Silva
SERVICES UNDER: Commercial Services

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24701 Euclid Ave., Cleveland, OH 44117,
Ph. 212-775-1395 or 800-221-3333.
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2 Wall St., New York, NY 10005,
Ph. 212-732-2400;
Other locations: Ft. Lauderdale, FL, Ph. 305-467-1107; Chicago, IL, Ph. 312-427-0793; Kansas City, MO, Ph. 816-561-4766; Dallas, TX, Ph. 214-661-2645; San Francisco, CA, Ph. 415-788-4414; Los Angeles, CA, Ph. 213-680-4800; Atlanta, GA, Ph. 404-233-0524.
CONTACT PERSON: Bill O'Shea
SERVICES UNDER: Commercial Services

REVERE CORPORATION OF AMERICA
845 N. Colony Rd., Wallingford, CT 06492,
Ph. 203-269-7701; TLX: 963482;
TWX: 710-4763197.
CONTACT PERSON: John Robinson
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services

RHINO SALES CORPORATION*
620 Andrews Ave., P.O. Box 367,
Kewanee, IL 61443, Ph. 309-853-4461.
CONTACT PERSON: Robert Martin, VP Mktg.
PRODUCTS UNDER: Commercial Equipment & Supplies

RHONE-POULENC INC.*
P.O. Box 125, Black Horse Lane,
Monmouth Junction, NJ 08852,
Ph. 201-297-0100; TLX: 844482.
CONTACT PERSON: Richard R. Lehman
PRODUCTS UNDER: Farm Equip. & Supplies

W.L. RICHESON & SONS, INC.*
442 Canal St., P.O. Box 50248,
New Orleans, LA 70150, Ph. 504-529-5641;
TLX: 58256 (RICHESON NLN);
TWX: 810-951-6318 (RICHESON NO).
CONTACT PERSON: J.R. Surgi, Treas.
SERVICES UNDER: Commercial Services

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CONTACT PERSON: William H. Davis or Norris Phelps.
SERVICES UNDER: Commercial Services

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1900 E. Eldorado, P.O. Box 1425,
Decatur, IL 62525, Ph. 217-429-4412.
TWX: 910-243-0437 (MASON STEEL DTR).
CONTACT PERSON: Bryan Mikeworth, Gen. Mgr.
SERVICES UNDER: Commercial Services

GEORGE A. ROLFES COMPANY*
P.O. Box 458, Boone, IA 50036,
Ph. 515-432-3300;
TWX: 910-520-2431 (GEO ROLFS BNOE).
CONTACT PERSON: Myron Oliver, Sales Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

ROSKAMP MFG., INC.*
616 Grand Blvd., Cedar Falls, IA 50613,
Ph. 319-266-1792.
CONTACT PERSON: Harold Roskamp, Pres.
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

ROTEX INC.*
1230 Knowlton St., Cincinnati, OH 45223,
Ph. 513-541-1236; TLX: 21-4206 (ROTEX CIN).
CONTACT PERSON: Alex C. Young, VP Mktg.
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

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3870 Ruff Rd., Amanda, OH 43102,
Ph. 614-969-2600.
CONTACT PERSON: Herbert N. Ruff
SERVICES UNDER: Commercial Services

RUST INTERNATIONAL CORPORATION*
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Ph. 205-254-4141;
TLX: 59-6158 (RUST ENGRG BHM)
CONTACT PERSON: Frank Dudrow, Mgr. Fatty Acids & Oils
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

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S

S.A. FRACTIONNEMENT TIRTIAUX*
Chaussee de Charleroi, 601, Fleurus 6220,
Belgium, Ph. 813787; TLX: 51338 (FRACTI B).
CONTACT PERSON: Alain Tirtiaux, Mgr. Dir.
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

SGS CONTROL SERVICES INC.
42 Broadway, New York, NY 10004,
Ph. 212-482-8700; TLX: 640308 (SUPERCO);
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CONTACT PERSON: Norman Green
SERVICES UNDER: Commercial Services

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Room 306 Extension Bldg. of Kuin Shin,
250-4 Dowha-Dong, Mapo-Ku, Seoul, Korea,
Ph. 713-1453; TLX: 28985 (SAMYAGR K).
CONTACT PERSON: J.K. Cho
SERVICES UNDER: Commercial Services

SAPULPA TANK COMPANY*
P.O. Box 1204, Sapulpa, OK 74066,
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CONTACT PERSON: Craig Sutton
PRODUCTS UNDER: Commercial Equipment & Supplies

SCANDURA INC.*
1801 N. Tryon St., Charlotte, NC 28230,
Ph. 704-334-5353; TWX: 810-621-7880.
CONTACT PERSON: Jim Gann, Mktg. Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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700 Hoffman St., Hammond, IN 46327,
Ph. 219-931-1450; TLX: 276218 (SCREW CONV).
CONTACT PERSON: George Moore, Sales Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

SEEDBURO EQUIP. CO.*
1022 W. Jackson Blvd., Chicago, IL 60607,
Ph. 312-738-3700;
TLX: 270378 (SEEDBURO CUO).
CONTACT PERSON: J.T. Snader
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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Highway 3 Bypass, P.O. Box 808,
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CONTACT PERSON: J.C. Shannon
PRODUCTS UNDER: Farm Equip. & Supplies

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Agricultural Chemicals
P.O. Box 3871, Houston, TX 77002,
Ph. 713-241-0075 or 713-241-4042.
CONTACT PERSON: W.S. Gill, Sr. Adv. Rep.
PRODUCTS UNDER: Farm Equip. & Supplies

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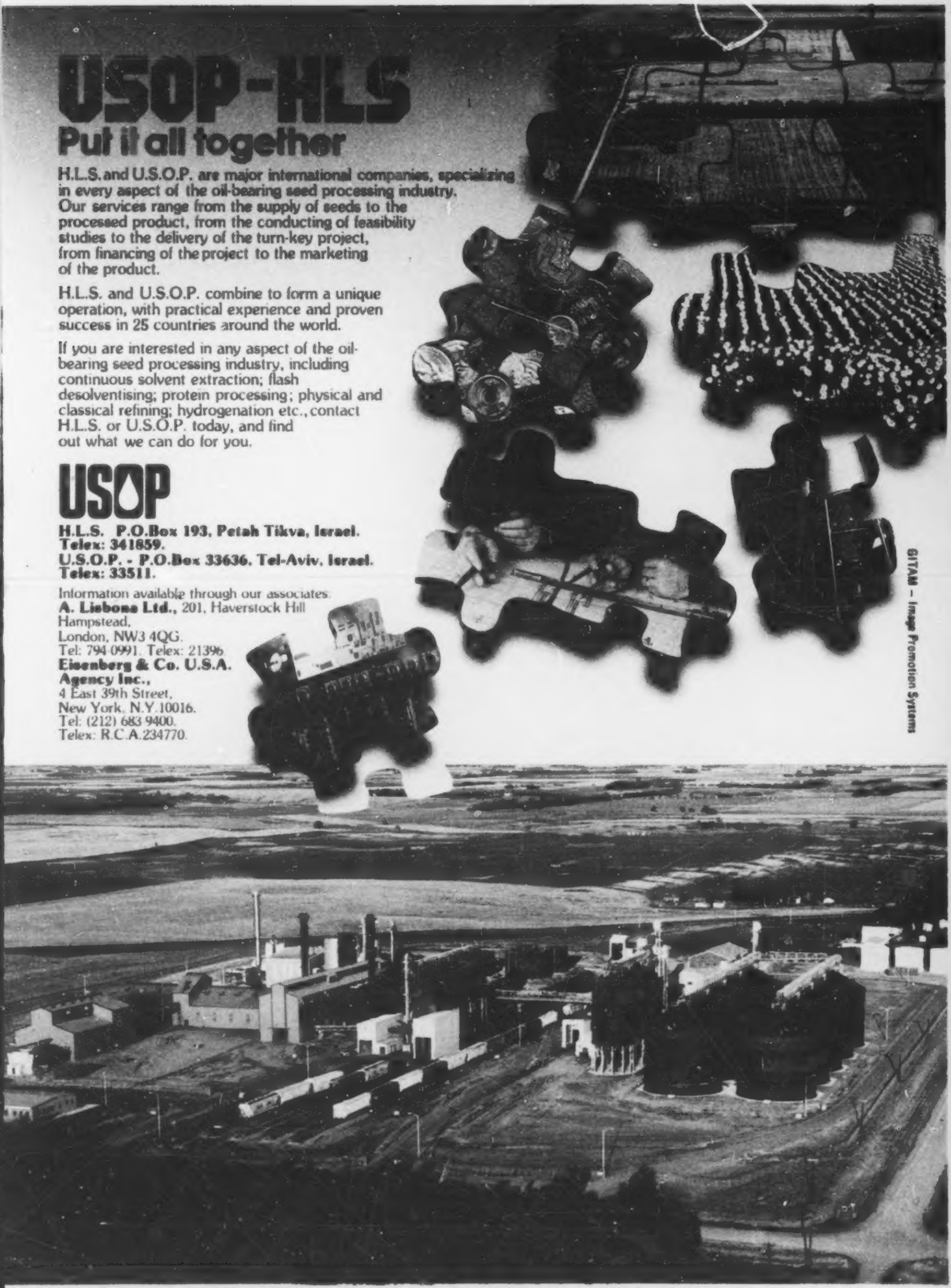
614 W. English, P.O. Box 467,
Corydon, IA 50060, Ph. 515-872-1005.
CONTACT PERSON: Roy Truax, Sales Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

SIEGLING AMERICA INC.*
130 Coolidge Ave., Englewood, NJ 07631,
Ph. 201-567-6100.



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CONTACT PERSON: Ronald Watson, Gen. Mgr.
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SMITH-DOUGLASS, INC.
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Ph. 804-853-1271.
CONTACT PERSON: Bernard Kornegay
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SERVICES UNDER: Commercial Services

SOUTHWESTERN LABORATORIES*
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Ph. 817-332-5181.
CONTACT PERSON: Shellee Hubbard
SERVICES UNDER: Commercial Services

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TLX: RS 20916 (SOYTEC).
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CONTACT PERSON: Bob Robertson
SERVICES UNDER: Commercial Services

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CONTACT PERSON: Bill Shurtleff, Director
SERVICES UNDER: Commercial Services

SOYPRO INTERNATIONAL, INC.*
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Ph. 319-277-4700;
TLX: 465653 (SOYP ROSK CFLS).
CONTACT PERSON: R.W. Fischer, Pres.
SERVICES UNDER: Commercial Services

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CONTACT PERSON: Leon Wilson
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CONTACT PERSON: Mark Branstetter, Public Affairs Mgr.
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CONTACT PERSON: Luis Ramirez
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

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Muncy, PA 17756, Ph. 717-546-8211;
TLX: 841411.
CONTACT PERSON: Richard D. Hilton
PRODUCTS & SERVICES UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies; Commercial Services

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Ph. 803-346-3101 or 800-845-5381;
TWX: 810-680-2531 (STAR SYS FLR).
CONTACT PERSON: Nat Burns, Pres.
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

STEMMERICH, INC.*
4728 Gravois, St. Louis, MO 63116,
Ph. 314-832-7726 or 800-325-9528.
CONTACT PERSON: Rick LaGrotta
PRODUCTS UNDER: Commercial Equipment & Supplies

STEWART HYBRIDS, INC.*
R.R. 1, Princeville, IL 61559, Ph. 309-385-4832.
CONTACT PERSON: Dana Stewart or Marian Ness
SERVICES UNDER: Commercial Services

STRAIGHT ENGINEERING COMPANY*
1700 West Green, P.O. Box 170, Adel, IA 50003,
Ph. 515-993-4271.
CONTACT PERSON: Lyle A. Hansen, Pres.
PRODUCTS UNDER: Commercial Equipment & Supplies

SUD-CHEMIE A.G.*
Postfach 20 22 40, Lenbachplatz 6,
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Ph. 5110-0; TLX: 523821 and 523872.
CONTACT PERSON: Advertising Dept.
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

SULLIVAN SYSTEMS INC.*
900 Larkspur Landing Circle, Suite 100,
Larkspur, CA 94939, Ph. 415-461-7880;
TLX: 330467 (SSI LARK).

CONTACT PERSON: Karl W. Klein
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

SUPERIOR WELDING COMPANY*
900 E. Division St., Box 949,
Decatur, IL 62525-0949, Ph. 217-422-4333;
TLX: 250[illegible]35 (SUPWELD DTR).
CONTACT PERSON: Ken Stolley, Sls, Mgr.
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

SWECO, INC.*
6033 E. Bandini Blvd., P.O. Box 4151,
Los Angeles, CA 90051, Ph. 213-726-1177;
TLX: 67-4968 (SWECOLA).
CONTACT PERSON: Robert W. Kenagy
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

SWEET MANUFACTURING COMPANY*
200 E. Leffel Lane, P.O. Box 1086,
Springfield, OH 45501, Ph. 513-325-1511;
TLX: 205428 (SWEET SPI).
CONTACT PERSON: Sheldon Baer, Dir. of Sales
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

T

TAKAI TOFU & SOYMILK EQUIPMENT CO.*
1-1 Inari, Nonoichi-Machi, Ishikawa-ken 921,
Japan, Ph. 481355; TLX: 5122777 (TAKAI J).
CONTACT PERSON: Wataru Takai, Dir.
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

TECATOR INC.*
P.O. Box 405, Herndon, VA 22070,
Ph. 703-435-3300; TLX: 90-3034 (TEC HNDN).
CONTACT PERSON: Dieter Curlis
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

TECHNICON INDUSTRIAL SYSTEMS
511 Benedict Avenue, Tarrytown, NY 10591,
Ph. 914-631-8000; TWX: 710-567-1220.
CONTACT PERSON: William Bell, Mktg. Mgr.
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

TENCO LABORATORIES*
1150 Junction Ave., Schererville, IN 46375,
Ph. 219-322-2560 or 800-428-3311.
CONTACT PERSON: Robert W. Hoole
PRODUCTS & SERVICES UNDER: Commercial Equipment & Supplies; Commercial Services.

TERRAL-NORRIS SEED CO. INC.*
P.O. Box 826, Lake Providence, LA 71254,
Ph. 318-559-2840.
CONTACT PERSON: Thomas Terral or Larry Mullen
PRODUCTS & SERVICES UNDER: Farm Equipment & Supplies; Commercial Services

THIONVILLE LABORATORIES & SURVEYING CO. INC.*
P.O. Box 23687, 5440 Pepsi St.,
New Orleans, LA 70183, Ph. 504-733-9603;
TLX: 460114 (THION UI); TWX: 810-951-5277.
OTHER LOCATIONS: U.S.: Mobile AL, San Francisco CA, Savannah GA, Chicago IL, Baton Rouge LA, New York NY, Houston TX, Norfolk VA; ARGENTINA: Buenos Aires; BELGIUM: Antwerp; BRAZIL: Paranagua, Porto Alegre, Rio de Janeiro, Rio Grande, Santos, Sao Paulo; CANADA; DENMARK; FRANCE: Bordeaux, Brest, Lorient, Rouen; GERMANY: Hamburg; GREECE; ITALY; NETHERLANDS: Rotterdam; NORWAY; SPAIN; SWEDEN; SWITZERLAND: Geneva; TURKEY.
CONTACT PERSON: Paul C. Thionville, Pres.
SERVICES UNDER: Commercial Services

THOMAS CONVEYOR COMPANY*
P.O. Box 2916, Ft. Worth, TX 76101,
Ph. 817-295-7151;
TLX: 75-8274 (THOMASCONV FTW).
CONTACT PERSON: Frank Tidwell
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

THE TINTOMETER LTD.*
Waterloo Rd., Salisbury, Wiltshire,
England SP1 2JY, Ph. 27242;
TLX: 47372 (TINTCO G);
TWX: 7108822260 (LOVI BOND WMBG).
CONTACT PERSON: Alex A. Belbin
PRODUCTS UNDER: Commercial Equipment & Supplies

TRADE LINK ISRAEL LTD.*
P.O. Box 146, Kfar Sava 44101 Israel,
Ph. 41158 or 44014; TLX: 35882 (LINK IL).
CONTACT PERSON: M. Weitzman
PRODUCTS UNDER: Farm Equip. & Supplies

TRAMCO METAL PRODUCTS, INC.*
1020 E. 19th St., Wichita, KS 67214,
Ph. 316-264-4604; TLX: 437029 (TRAMCO WIC).
CONTACT PERSON: Leroy Rutz
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

TRIPLE/S DYNAMICS, INC.
1031 S. Haskell Ave., Dallas, TX 75223,
Ph. 214-821-9143 or 800-527-2116;
TLX: 730023 (TRIPLE S DAL).
CONTACT PERSON: Bill Belous or John Groscurth
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

TROIKA PROCESSES PVT. LTD.*
607, Embassy Centre, Nariman Point,
Bombay, 400021, India, Ph. 234429, 234475;
TLX: 011-5335 (TROK IN).
CONTACT PERSON: P.G. Bhandari, R.S. Jhaveri, O.P. Agarwal, or R.K. Chopra
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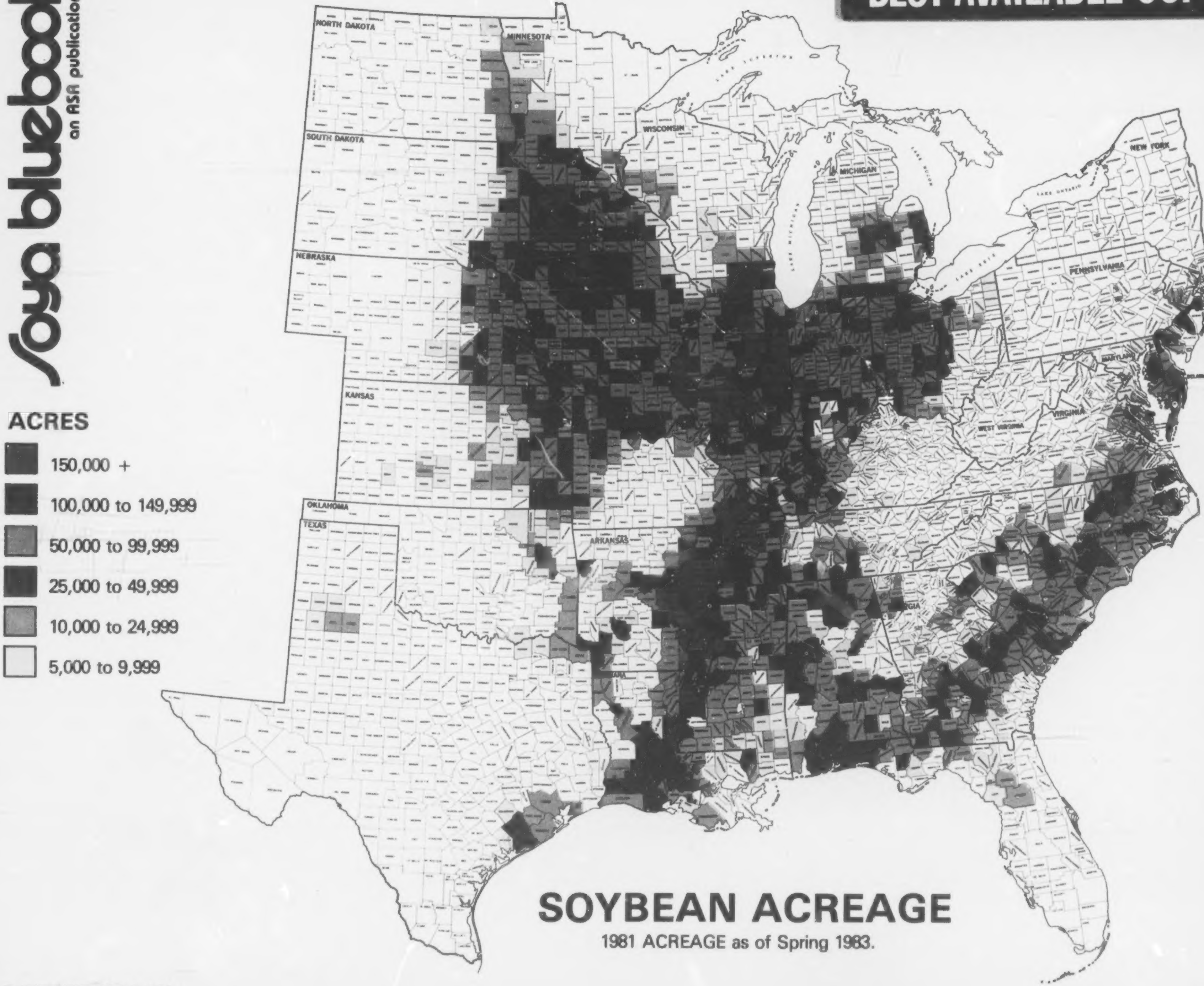
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100,000 to 149,999
50,000 to 99,999
25,000 to 49,999
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SOYBEAN ACREAGE

1981 ACREAGE as of Spring 1983.

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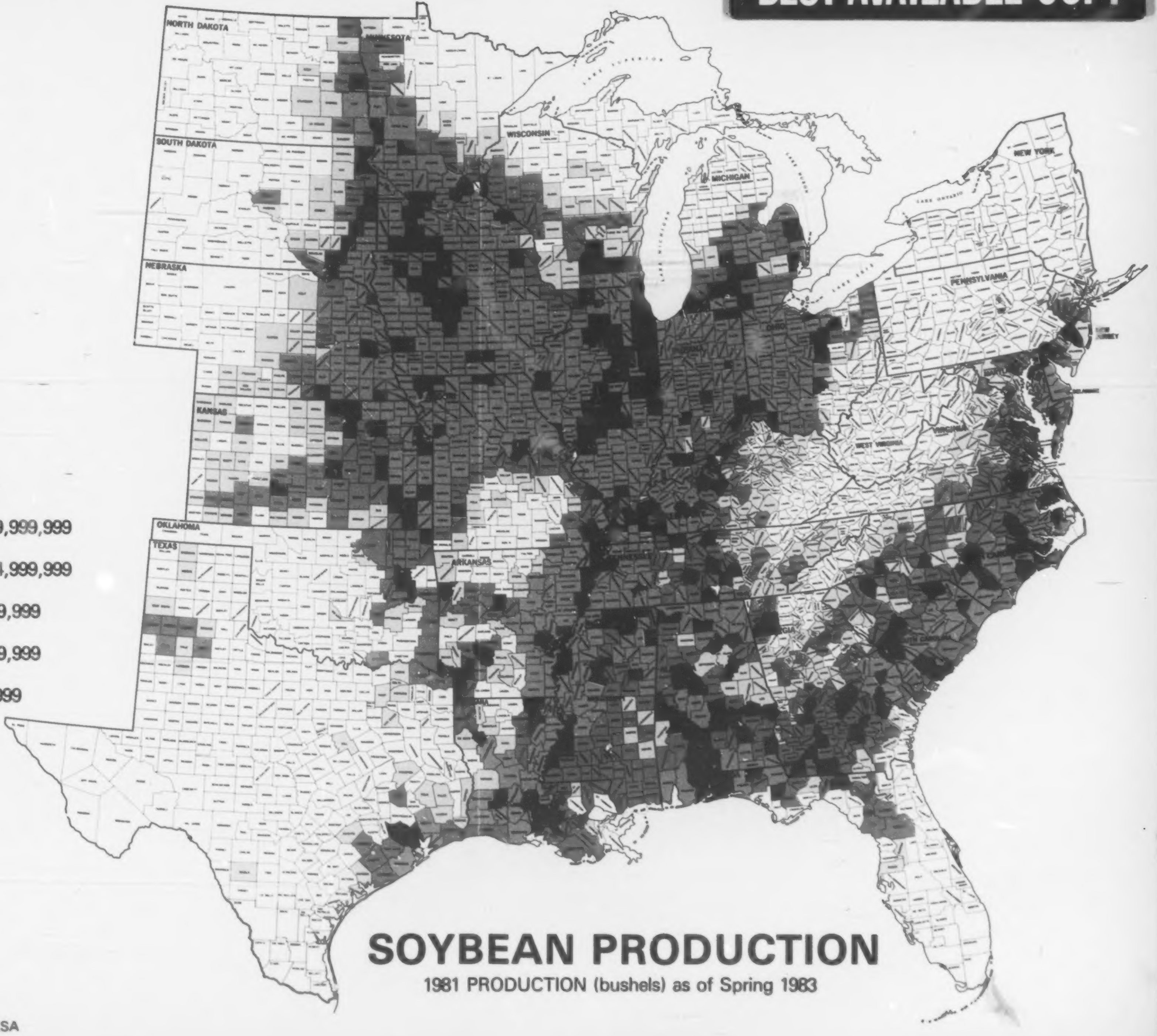
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VIRGINIA
DELAWARE
OKLAHOMA
TEXAS
ARKANSAS
TENNESSEE
GEORGIA
SOUTH CAROLINA

BUSHELS

- ■ 10,000,000 +
- ■ 5,000,000 to 9,999,999
- ▨ 1,000,000 to 4,999,999
- ■ 500,000 to 999,999
- ▨ 100,000 to 499,999
- □ 10,000 to 99,999

SOYBEAN PRODUCTION

1981 PRODUCTION (bushels) as of Spring 1983

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TWIN CITY MACHINE CO., INC.*
527 2nd Ave. S.E., Minneapolis, MN 55414,
Ph. 612-378-2422.
CONTACT PERSON: Tom Zimmerman
SERVICES UNDER: Commercial Services

THE TWINING LABORATORIES INC.*
2527 Fresno, Fresno, CA 93721,
Ph. 209-268-7021.
CONTACT PERSON: Gordon Parrish
SERVICES UNDER: Commercial Services

D.W. TYLER COMPANY*
907 W. Fairchild, Danville, IL 61832,
Ph. 217-446-0228.
CONTACT PERSON: John E. Strader or James E. Huss
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

---

U

UOP PROCESS DIVISION*
Biological and Food Products
20 UOP Plaza, Des Plaines, IL 60016,
Ph. 312-391-3093; TLX: 253285.
CONTACT PERSON: Amalia Calvo
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.*
P.O. Box 12014, T.W. Alexander Dr.,
Research Triangle Park, NC 27709,
Ph. 919-549-2309; TLX: 420542 (UCC-UI);
TWX: 919-549-2357 or 929-549-2311.
CONTACT PERSON: J. Haskins, Mgr. Comm.
PRODUCTS UNDER: Farm Equip. & Supplies

UNION CHEMICALS DIVISION
1900 East Golf Road, Schaumburg, IL 60195,
Ph. 312-490-2500.
CONTACT PERSON: J.D. Clover
PRODUCTS UNDER: Soy Product Processing and Farm Equipment & Supplies

UNITED CATALYSTS INC.*
P.O. Box 32370, Louisville, KY 40232,
Ph. 502-637-9751;
TLX: 204190 (CATALYSTS LVL).
CONTACT PERSON: George L. Buehler
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

UNITED STATES BORAX & CHEMICAL CORP.*
3075 Wilshire Blvd., Los Angeles, CA 90010,
Ph. 213-381-5311.
CONTACT PERSON: Joe Kern, Public Relations
PRODUCTS UNDER: Farm Equip. & Supplies

UNITED STATES RAIL SERVICES, INC.*
633 Battery St., San Francisco, CA 94111,
Ph. 415-445-7690; TLX: 176923 (USRAIL SFO);
TWX: 910-3722044 (USRAIL SFO).
CONTACT PERSON: Helen Hegland, Reg. Sls. Dir.
SERVICES UNDER: Commercial Services

UNIVERSAL INDUSTRIES*
1326 Waterloo Rd., Cedar Falls, IA 50613,
Ph. 319-277-7501; TLX: 456628.
CONTACT PERSON: B.L. Jensen.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

UNIVERSAL SEEDS & OIL PRODUCTS COMPANY (USOP)*
4 Weizman St., Tel Aviv 61336, Israel,
Ph. 219111; TLX: 33511 (EISGR IL).
CONTACT PERSON: Efraim Rennert
PRODUCTS & SERVICES UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies; Commercial Services.

UNVERFERTH-McCURDY*
P.O. Box 157, Kalida, OH 45853,
Ph. 419-532-3121;
TWX: 810-490-2190 (UNVER MC KALD).
CONTACT PERSON: Dan Fanger
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

THE UPJOHN COMPANY*
Kalamazoo, MI 49001, Ph. 616-385-6609;
TLX: 101224-401; TWX: 810-277-2602.
CONTACT PERSON: Leo J. Zanoni
PRODUCTS & SERVICES UNDER: Farm Equipment & Supplies; Commercial Services

THE URBANA LABORATORIES*
P.O. Box 399, Triumph Drive, Urbana, IL 61801,
Ph. 217-367-3046 or 217-367-3032.
CONTACT PERSON: Duane Johnson
PRODUCTS UNDER: Farm Equip. & Supplies

URSCHEL LABORATORIES, INC.*
2503 Calumet Ave., P.O. Box 272,
Valparaiso, IN 46383, Ph. 219-464-4811;
TLX: 258337 (URSCHEL VALP).
CONTACT PERSON: Charles J. Scott
PRODUCTS UNDER: Commercial and Soy Product Processing Equipment & Supplies

---

V

JULIUS VAN ROOSENDAAL*
Jacob van Campenweg 57, Rotterdam,
Netherlands, Ph. 205955; TLX: 21496, 21498, 22402, or 22403 (JVR NL).
SERVICES UNDER: Commercial Services

VISHWA OIL PRODUCTS LTD.
Mansingka Chambers, 258, Kaibadevi Rd.,
Bombay-2, Bombay, India, Ph. 296313, 315482
CONTACT PERSON: Sushil Kumar Mansingka, Mgr. Dir.
PRODUCTS UNDER: Commercial, Soy Product Processing and Farm Equipment & Supplies

VOTATOR DIV., CHERRY-BURRELL*
P.O. Box 35600, Louisville, KY 40232,
Ph. 502-491-4310; TLX: 204283 (VOTATOR LV

CONTACT PERSON: Alfred T. Wagner, Jr.
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

W

WEBCO TANK, INC.*
P.O. Box 1208, Sapulpa, OK 74066,
Ph. 918-224-6232.
CONTACT PERSON: D.L. Stites, Gen. Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

WENGER INTERNATIONAL INC.*
2400 Pershing Rd., Suite 510,
Kansas City, MO 64108, Ph. 816-221-5084;
TLX: 42387 (WENGER KSC).
CONTACT PERSON: Randy McDonald
PRODUCTS UNDER: Soy Product Processing Equipment & Supplies

WESTERN-COMMERCIAL TRANSPORT, INC.*
P.O. Box 270, Fort Worth, TX 76126,
Ph. 817-335-4821 or 800-433-2415 (U.S.) or 800-792-2263 (TX).
CONTACT PERSON: Dave Turnbull, Dir. Sls./Mktg.
SERVICES UNDER: Commercial Services

WESTFALIA SEPARATOR AG*
Werner-Habig-Str., 4740 Oelde 1,
Fed. Rep. of Germany, Ph. 02522-771;
TLX: 89-474.
CONTACT PERSON: M. Kersten
PRODUCT UNDER: Soy Product Processing Equipment & Supplies

WESTINGHOUSE ELECTRIC CORPORATION*
496 LaGuardia Place, Box 141,
New York, NY 10012, Ph. 800-821-7700.
CONTACT PERSON: Product Information Center
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

WESTVACO CORPORATION
Chemical Division
P.O. Box 70848, Charleston, SC 29405,
Ph. 803-554-8350;
TLX: 576443 (WNA CU CHM CHS).
CONTACT PERSON: Tom McPartland
PRODUCTS UNDER: Farm Equip. & Supplies

WESTWEIGH SCALE CO.*
3990 Hicock St., San Diego, CA 92110,
Ph. 619-291-8231.
CONTACT PERSON: Wendell Dyke
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

WHITE FARM EQUIPMENT*
2625 Butterfield Rd., Oakbrook, IL 60521,
Ph. 312-556-3483; TLX: 25209.
CONTACT PERSON: Dexter E. Paulsen
PRODUCTS UNDER: Farm Equip. & Supplies

WILKEN SEED GRAINS INC.*
Box 133, Pontiac, IL 61764, Ph. 815-844-3458.
CONTACT PERSON: Lloyd C. Wilken
SERVICES UNDER: Commercial Services

H.R. WILLIAMS MILL SUPPLY COMPANY*
208 W. 19th St., Kansas City, MO 64108,
Ph. 816-471-1511;
TLX: 42222 (WILLIAMS KSC).
CONTACT PERSON: John D. Holden or George W. Holden
PRODUCTS UNDER: Commercial Equipment & Supplies

K.I. WILLIS CORP.*
P.O. Box 687, Milan, IL 61264, Ph. 309-787-4678 or 800-447-0522 (U.S.) or 800-322-0507 (IL).
CONTACT PERSON: Tom Biehl
PRODUCTS UNDER: Commercial Equipment & Supplies

WOODSON-TENENT LABORATORIES*
345 Adams, P.O. Box 2135, Memphis, TN 38101,
Ph. 901-525-6333;
TWX: 810-591-1340 (WT LABS MPH).
CONTACT PERSON: Hayes Harrison
SERVICES UNDER: Commercial Services

WURSTER & SANGER INC.
222 W. Adams St., Chicago, IL 60609,
Ph. 312-977-4890;
TLX: 206414 (WURSAN INC CGO).
CONTACT PERSON: George Andretich
PRODUCTS & SERVICES UNDER: Soy Product Processing Equipment & Supplies; Commercial Services

Y

YEAR-A-ROUND CORP.*
Hwy. 169 No., P.O. Box 2075,
Mankato, MN 56001, Ph. 507-625-9381.
CONTACT: Paul Orchard or Merton Anderson
PRODUCTS UNDER: Farm Equip. & Supplies

Z

ZIMMERMAN EQUIPMENT CO.*
216 Sherman St., P.O. Box 331,
Litchfield, IL 62056, Ph. 217-324-3987.
CONTACT PERSON: Lon Bathurst, Mktg. Mgr.
PRODUCTS UNDER: Commercial and Farm Equipment & Supplies

ZOECON CROP PROTECTION*
425 Sherman Ave., Palo Alto, CA 94304,
Ph. 415-857-1130.
CONTACT PERSON: Lon L. Seymour, Prod. Mgr.
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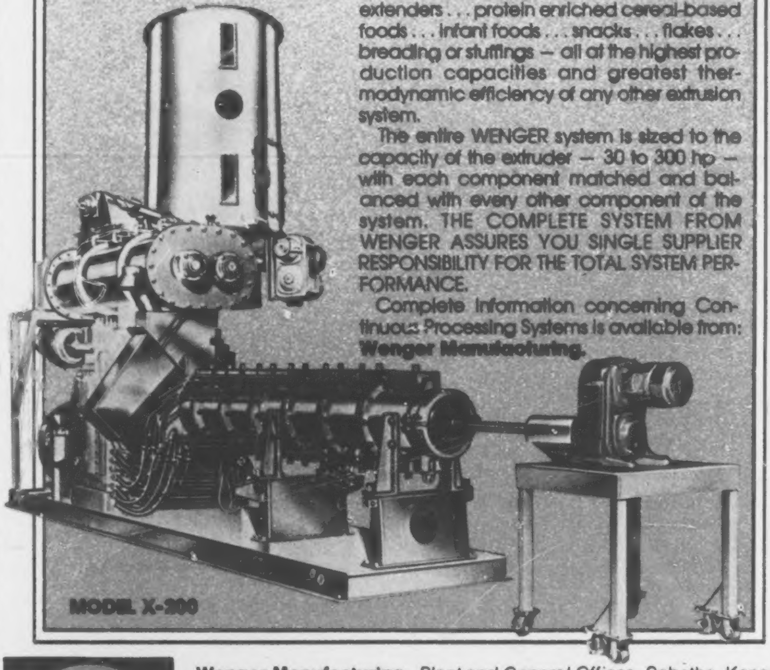

Wenger

Wenger Manufacturing - *Plant and General Offices*, Sabetha, Kansas 66534 tel. 913/284-2133

Wenger International, Inc. - *Export Division*, One Crown Center, Suite 510, 2400 Pershing Road, Kansas City, Missouri 64108, tel. 816/221-5084, Cable WENGERKCS, telex 42387

Wenger International - *Subsidiary Office*, Franklin Rooseveltplaats N. 12, Antwerpen, Belgium, tel. (31) 327005, telex 31413

soy statistics

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SOYA CONVERSIONS

1 bushel of soybeans = 60 pounds
= 10.7 pounds of crude soy oil
= 47.5 pounds of soybean meal
= 39 pounds of soy flour
= 20 pounds of concentrate
= 11.8 pounds of isolates

79.2% of a bushel of soybeans is manufactured into soybean meal
17.8% of a bushel of soybeans is manufactured into soy oil
3.0% of a bushel of soybeans is manufacturing loss

1 metric ton of soybeans = 36.74 bushels
1 short ton of soybeans = 33.33 bushels
1 short ton of soybeans = .907 metric tons
1 long ton of soybeans = 37.33 bushels

1 metric ton of soybean meal = 46.39 bushels of soybeans
1 short ton of soybean meal = 42.08 bushels of soybeans
1 long ton of soybean meal = 47.13 bushels of soybeans

1 metric ton of soybean oil = 206 bushels of soybeans

METRIC CONVERSIONS

Area

1 acre = 0.405 hectares
1 hectare = 2.47 acres

Mass & Weight

1 pound = 453.59 grams
1 pound = 0.454 kilograms
1 hundredweight, short (100 lbs.) = 45.359 kilograms
1 hundredweight, long (112 lbs.) = 50.802 kilograms
1 ton, short = 0.907 metric tons
1 ton, long = 1.016 metric tons

1 gram = 0.035 ounce
1 kilogram = 2.2 pounds
1 metric ton = 1,000 kilograms
1 metric ton = 2,205 pounds
1 metric ton = 1.1 short tons
1 short ton = 2,000 pounds
1 long ton = 2,240 pounds

Capacity

1 U.S. gallon = 3.785 liters
1 Imperial gallon = 4.545 liters
1 bushel = 35.24 liters

1 liter = 0.908 quarts, dry
1 liter = 1.057 quarts, liquid

TEMPERATURE CONVERSIONS

$$\text{Celsius (Centigrade)} = \frac{°F - 32}{1.8}$$

$$\text{Fahrenheit} = (1.8 \times °C) + 32$$

U.S. SOYBEAN ACREAGE, YIELD AND PRODUCTION
1925 - 1983

	Acres planted			Acres harvested			Average yield per acre harvested		Total production	
Year	Grown alone (Thousand acres)	Inter-planted[1] (Thousand acres)	Equivalent solid[2] (Thousand acres)	For beans (Thousand acres)	For hay (Thousand acres)	Grazed or plowed under (Thousand acres)	For beans (Bushels)	For hay (Tons)	For beans (Th. bu.)	For hay (Th. tons)
1925	1,539	476	1,785	415	1,175	195	11.7	1.01	4,875	1,185
1930	3,072	786	3,473	1,074	2,062	337	13.0	.94	13,929	1,938
1935	6,966	1,028	7,503	2,915	4,044	544	16.8	1.34	48,901	5,422
1940	10,487	2,589	11,782	4,807	4,819	2,156	16.2	1.34	78,045	6,450
1945	13,056	1,505	13,807	10,740	1,940	1,127	18.0	1.26	193,167	2,451
1950	15,048	1,184	15,640	13,807	963	870	21.7	1.31	299,249	1,260
1955	19,674	617	19,981	18,620	705	656	20.1	1.28	373,682	910
1960	24,440	398	24,649	23,655	449	545	23.5	1.44	555,085	646
1961	27,787	332	27,981	27,003	424	549	25.2	1.47	678,564	624
1962	28,418	290	28,593	27,608	475	514	24.2	1.37	669,186	650
1963	29,462	278	29,598	28,615	547	471	24.5	1.38	699,165	757
1964	31,721	234	31,794	30,793	531	525	22.8	1.39	700,921	–
1965	35,227	–	–	34,449	–	–	24.5	–	845,608	–
1966	37,294	–	–	36,546	–	–	25.4	–	928,481	–
1967	40,819	–	–	39,805	–	–	24.5	–	976,439	–
1968	42,265	–	–	41,391	–	–	26.7	–	1,106,958	–
1969	42,534	–	–	41,337	–	–	27.4	–	1,133,120	–
1970	43,082	–	–	42,249	–	–	26.7	–	1,127,100	–
1971	43,476	–	–	42,705	–	–	27.5	–	1,175,989	–
1972	46,886	–	–	45,683	–	–	27.8	–	1,270,630	–
1973	56,549	–	–	55,667	–	–	27.7	–	1,547,165	–
1974	52,479	–	–	51,341	–	–	23.2	–	1,214,802	–
1975	54,550	–	–	53,579	–	–	28.9	–	1,547,383	–
1976	50,226	–	–	49,358	–	–	26.1	–	1,287,560	–
1977	58,760	–	–	57,612	–	–	30.6	–	1,761,755	–
1978	64,708	–	–	63,663	–	–	29.4	–	1,868,754	–
1979	71,632	–	–	70,566	–	–	32.1	–	2,267,901	–
1980	70,037	–	–	67,856	–	–	26.4	–	1,792,062	–
1981	67,810	–	–	66,368	–	–	30.1	–	2,030,452	–
1982	72,162	–	–	69,821	–	–	31.9	–	2,229,486	–
1983[3]	63,345	–	–	62,163	–	–	25.7	–	1,595,437	–

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[1] Grown with other crops. [2] Acreage grown alone with an allowance for acreage grown with other crops. [3] Preliminary.
Source: CROP PRODUCTION SUMMARY, U.S. Department of Agriculture, Crop Reporting Board.

U.S. SOYBEAN PLANTING AND HARVESTING DATES

State	Usual Planting Dates	Usual Harvesting Dates		
		Begin	Most Active	End
Alabama	May 5-July 15	Sept. 20	Oct. 1-Oct. 30	Dec. 1
Arkansas	May 1-June 30	Oct. 1	Oct. 15-Nov. 25	Dec. 10
Delaware	May 15-July 10	Oct. 5	Oct. 20-Nov. 15	Dec. 1
Florida	May 15-June 15	Sept. 20	Oct. 1-Oct. 31	Nov. 30
Georgia	May 1-July 5	Oct. 10	Oct. 20-Nov. 20	Nov. 30
Illinois	May 5-June 25	Sept. 15	Sept. 25-Oct. 15	Nov. 5
Indiana	May 10-June 20	Sept. 20	Sept. 30-Oct. 30	Nov. 5
Iowa	May 10-June 10	Oct. 1	Oct. 10-Nov. 5	Nov. 15
Kansas	May 10-July 5	Sept. 20	Oct. 1-Nov. 5	Nov. 20
Kentucky	May 5-July 5	Sept. 20	Oct. 1-Nov. 1	Dec. 1
Louisiana	May 1-June 25	Sept. 15	Oct. 1-Nov. 15	Dec. 1
Maryland	May 15-July 10	Oct. 1	Oct. 20-Nov. 15	Dec. 1
Michigan	May 10-June 20	Sept. 20	Oct. 10-Oct. 25	Nov. 15
Minnesota	May 15-June 15	Sept. 25	Oct. 10-Oct. 25	Nov. 10
Mississippi	May 1-July 5	Sept. 20	Oct. 15-Nov. 15	Dec. 10
Missouri	May 1-June 20	Sept. 15	Oct. 1-Oct. 20	Dec. 1
Nebraska	May 10-June 15	Sept. 20	Oct. 5-Oct. 20	Nov. 5
New Jersey	May 25-July 10	Oct. 10	Oct. 25-Nov. 10	Nov. 20
New York	May 25-June 25	Oct. 1	Oct.10-Oct. 20	Oct. 30
North Carolina	May 5-June 25	Oct. 15	Nov. 1-Dec. 1	Dec. 20
North Dakota	May 20-June 10	Sept. 25	Oct. 5-Oct. 20	Oct. 25
Ohio	May 10-June 20	Sept. 20	Oct. 1-Oct. 25	Nov. 15
Oklahoma	May 10-June 30	Sept. 30	Oct. 10-Nov. 15	Nov. 25
Pennsylvania	May 10-July 1	Oct. 20	Nov. 1-Nov. 20	Dec. 1
South Carolina	May 1-July 10	Oct. 20	Nov. 1-Dec. 1	Dec. 10
South Dakota	May 15-June 15	Oct. 1	Oct. 10-Oct. 25	Nov. 5
Tennessee	May 1-June 30	Oct. 1	Oct. 15-Nov. 15	Dec. 10
Texas	May 1-July 15	Oct. 1	Oct. 25-Nov. 5	Nov. 30
Virginia	May 1-July 10	Oct. 1	Oct. 20-Nov. 25	Dec. 5
Wisconsin	May 25-June 15	Oct. 5	Oct. 20-Nov. 1	Nov. 20

Source: U.S. Department of Agriculture.

U.S. SOYBEAN ACREAGE, YIELD AND PRODUCTION BY STATE

Acres Planted, Soybeans Grown Alone (Thousand Acres)

	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Alabama	642	1300	1200	1650	1900	2200	2200	2050	2100	1500
Arkansas	4393	4750	4360	4650	4750	5200	4800	4550	4650	4050
Delaware	165	228	208	230	265	280	265	265	275	250
Florida	188	291	259	334	420	460	475	475	615	430
Georgia	550	1190	890	1250	1750	2150	2450	2300	2700	2100
Illinois	6848	8350	7600	8900	9300	9800	9300	9350	9500	9000
Indiana	3300	3650	3300	3900	4200	4500	4400	4650	4600	4000
Iowa	5709	7000	6470	7250	7600	8200	8300	8200	8600	8000
Kansas	1074	1100	900	1020	1520	1580	1550	1540	1850	1580
Kentucky	582	1150	1100	1400	1400	1720	1650	1700	1700	1450
Louisiana	1730	2000	2280	2750	3100	3400	3450	3210	3000	2620
Maryland	216	335	300	330	365	410	400	375	410	365
Michigan	539	615	570	730	910	1020	960	980	1050	900
Minnesota	3140	3700	3050	3850	4100	5150	4800	4460	4950	4650
Mississippi	2358	3230	3335	3750	3900	4200	4000	3700	3700	3120
Missouri	3546	4450	4300	4730	5500	5900	5700	5180	5950	5250
Nebraska	824	1220	995	1150	1270	1630	1830	2150	2350	2150
New Jersey	52	104	140	185	195	205	200	170	172	135
New York-not est. after 1980	6	11	12	21	25	26	20	—	—	—
North Carolina	981	1500	1200	1450	1750	2000	2030	1920	2150	1750
North Dakota	184	180	150	180	175	210	210	235	350	540
Ohio	2434	3120	2900	3400	3900	4100	3800	3550	3750	3300
Oklahoma	200	245	260	360	370	390	350	280	300	250
Pennsylvania	30	54	52	70	83	101	112	105	110	110
South Carolina	1550	1420	1230	1350	1510	1700	1700	1600	1900	1480
South Dakota	253	345	280	320	400	700	780	780	840	950
Tennessee	1281	1950	1920	2320	2530	2700	2650	2450	2450	2000
Texas	170	395	375	800	800	860	700	560	1000	400
Virginia	372	451	410	450	480	540	620	645	680	625
Wisconsin	155	216	160	200	220	300	335	380	460	390

Acres Harvested for Beans (Thousand Acres)

	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Alabama	600	1260	1170	1600	1850	2150	2100	2020	2000	1450
Arkansas	4400	4700	4320	4600	4700	5150	4350	4500	4500	3870
Delaware	156	225	205	225	260	275	260	260	270	245
Florida	184	281	253	327	410	453	460	460	491	410
Georgia	475	1160	870	1090	1680	2100	2140	2100	2500	2000
Illinois	6800	8320	7560	8850	9240	9720	9250	9250	9270	8800
Indiana	3278	3630	3280	3900	4180	4420	4380	4600	4500	3950
Iowa	5680	6970	6450	7080	7550	8170	8270	8150	8400	7960
Kansas	930	1080	865	990	1490	1560	1450	1510	1810	1570
Kentucky	530	1100	1070	1320	1360	1660	1600	1650	1630	1390
Louisiana	1688	1920	2250	2680	3040	3350	3350	3130	2900	2570
Maryland	213	330	295	325	380	405	390	370	405	370
Michigan	500	610	565	720	900	1010	950	970	1040	940
Minnesota	3030	3650	3020	3770	4060	5080	4760	4350	4830	4600
Mississippi	2580	3120	3250	3650	3800	4100	3850	3600	3550	3120
Missouri	3465	4370	4200	4650	5440	5830	5530	5100	5800	5200
Nebraska	812	1200	980	1130	1250	1610	1770	2070	2250	2050
New Jersey	54	102	138	177	191	203	194	168	170	133
New York	6	11	12	19	24	25	19	—	—	—
North Carolina	867	1420	1120	1320	1680	1950	1930	1850	2100	1650
North Dakota	181	149	147	175	173	206	200	230	400	530
Ohio	2550	3100	2880	3380	3870	4080	3760	3500	3700	3280
Oklahoma	185	237	250	340	340	360	300	270	280	230
Pennsylvania	28	52	50	67	80	98	103	100	100	105
South Carolina	1010	1380	1190	1300	1470	1660	1600	1550	1800	1430
South Dakota	247	342	271	315	390	685	770	770	800	935
Tennessee	1150	1850	1800	2200	2420	2620	2550	2350	2300	1950
Texas	158	370	347	760	745	805	630	480	920	420
Virginia	339	433	398	440	475	536	610	635	665	610
Wisconsin	153	207	152	192	215	295	330	375	440	395

Average Yield per Acre Harvested for Beans (Bushels)

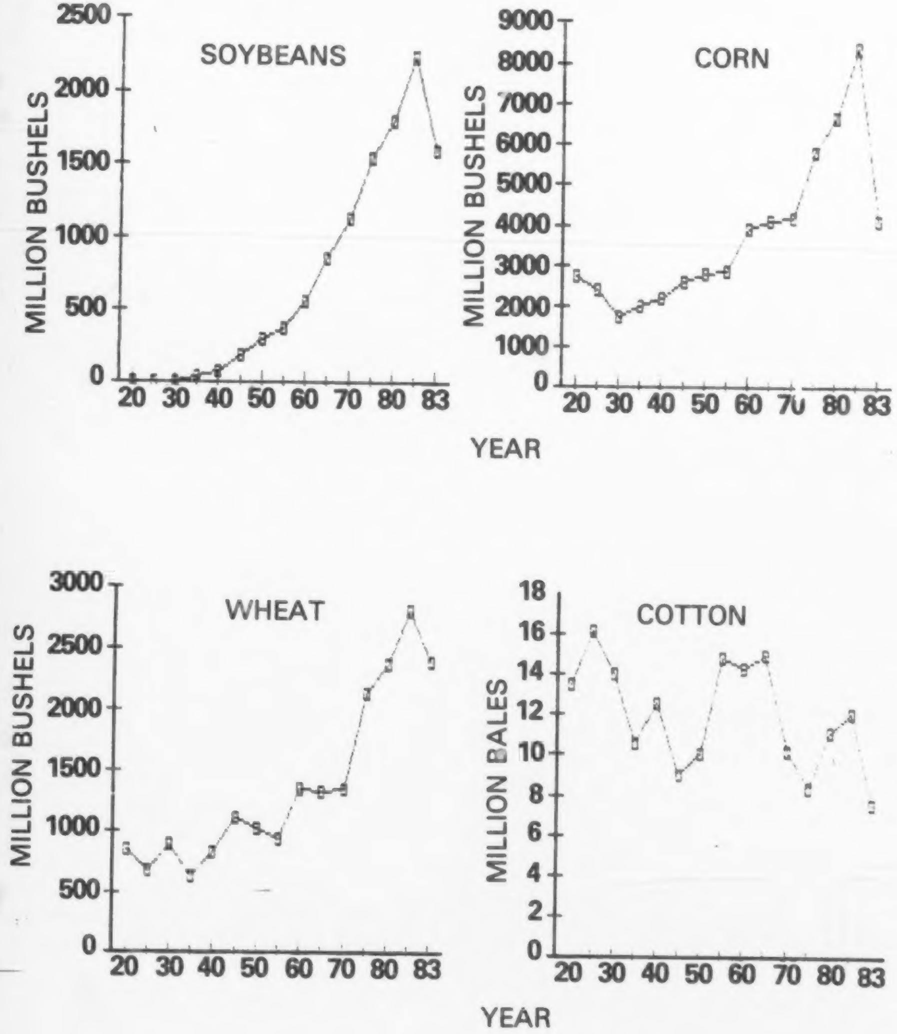
	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Alabama	23.0	24.5	24.0	21.0	21.0	25.0	15.0	23.0	26.0	19.0
Arkansas	22.5	25.0	19.0	23.0	24.5	28.0	15.0	22.0	24.0	18.0
Delaware	21.0	25.0	24.0	24.0	29.0	30.0	20.0	27.0	24.0	29.0
Florida	28.0	24.0	26.0	25.0	25.0	29.0	22.0	24.0	26.0	25.0
Georgia	23.0	25.5	23.5	20.0	17.5	28.0	11.0	19.0	27.0	21.0
Illinois	31.0	36.0	33.0	38.0	33.5	39.5	33.5	38.0	39.0	29.0
Indiana	31.0	33.5	34.0	37.0	34.5	36.0	36.0	33.0	39.5	31.0
Iowa	32.5	34.0	31.0	35.5	37.5	37.5	38.5	40.0	37.0	34.0
Kansas	15.0	21.0	15.0	28.5	18.0	26.5	16.5	30.0	26.0	15.0
Kentucky	27.0	27.0	27.0	31.0	30.0	32.5	22.5	29.0	32.0	17.0
Louisiana	24.0	25.0	28.0	23.5	25.0	28.0	20.0	20.5	26.0	26.0
Maryland	24.0	28.0	25.0	27.0	32.0	30.0	24.0	29.5	29.0	25.0
Michigan	26.5	26.0	20.5	30.0	24.0	30.0	32.0	30.0	31.0	32.5
Minnesota	26.0	27.0	22.0	35.5	36.0	32.0	31.5	32.0	35.5	32.0
Mississippi	22.5	22.5	22.0	21.5	21.5	29.0	16.0	21.0	26.0	18.5
Missouri	25.5	26.0	20.0	32.0	28.5	31.5	24.5	30.5	30.5	19.5
Nebraska	22.0	27.0	20.0	36.0	34.0	34.0	30.0	38.0	36.0	29.0
New Jersey	25.0	26.0	24.0	24.0	31.0	30.0	18.0	29.0	25.0	23.0
New York	20.0	27.0	26.0	23.0	23.0	26.0	24.0	—	—	—
North Carolina	24.0	23.5	22.0	22.0	24.0	23.5	18.0	25.0	25.0	20.0
North Dakota	15.0	19.5	12.5	20.0	27.5	27.0	17.5	28.0	21.0	27.5
Ohio	28.5	33.0	33.0	35.5	33.5	35.5	36.0	28.5	37.0	31.0
Oklahoma	18.0	22.0	22.0	23.0	15.0	23.0	10.0	24.0	19.0	17.0
Pennsylvania	32.0	28.0	29.0	31.0	31.5	32.0	24.5	31.0	32.0	26.0
South Carolina	20.0	22.0	18.0	20.5	22.0	24.0	13.0	20.0	22.0	16.5
South Dakota	17.5	25.0	17.0	30.5	30.5	33.0	26.0	29.0	30.5	26.5
Tennessee	23.0	25.0	22.5	23.5	23.5	27.0	18.0	26.0	27.0	15.5
Texas	28.0	25.0	26.0	26.5	26.5	26.0	22.0	22.0	25.5	23.0
Virginia	20.0	25.0	20.5	19.0	28.0	28.5	15.0	26.5	28.0	17.0
Wisconsin	24.0	25.5	22.0	35.0	32.0	34.0	33.0	33.0	31.0	34.0

Total Production of Beans (Thousand Bushels)

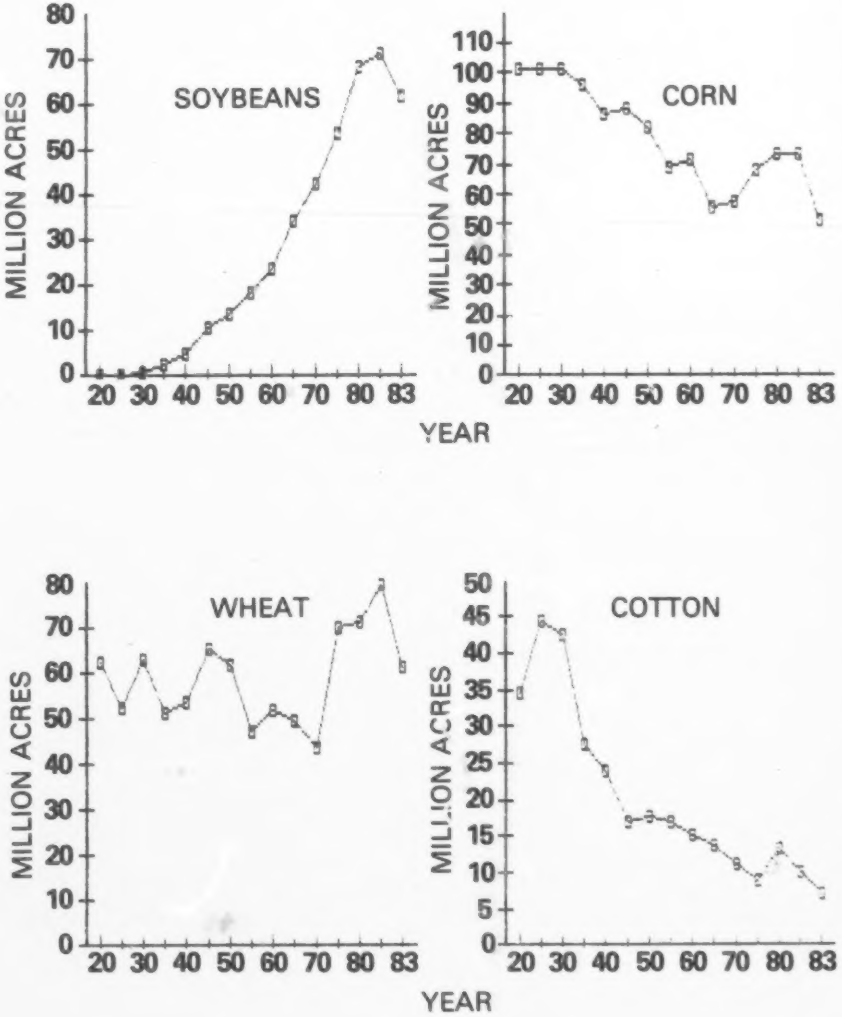
	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Alabama	13800	30870	28080	33600	38850	53750	31500	46460	52000	27550
Arkansas	99000	117500	82080	105800	115150	144200	65250	99000	108000	69660
Delaware	3276	5625	4920	5400	7540	8250	5200	7020	6480	7105
Florida	5152	6744	6578	8175	10250	13137	10120	11040	12766	10250
Georgia	10925	29580	20445	21800	29400	58800	23540	39900	67500	42000
Illinois	210800	299520	249480	336300	309540	379080	309875	351500	361530	255200
Indiana	101618	121605	111520	144300	144210	159120	157680	151800	177750	122450
Iowa	184600	236980	199950	251340	283125	306375	318395	326000	310800	270640
Kansas	13950	22680	12975	28215	26820	41340	23925	45300	47060	23550
Kentucky	14310	29700	28890	40920	40800	53950	36000	47850	52160	23630
Louisiana	40512	48000	63000	62980	76000	93800	67000	64165	75400	66820
Maryland	5112	9240	7375	8775	12160	12150	9360	10915	11745	9250
Michigan	13250	15860	11583	21600	21600	30300	30400	29100	32240	30550
Minnesota	78780	98550	66440	133835	146160	162560	149940	139200	171465	147200
Mississippi	58050	70200	71500	78475	81700	118900	61600	75600	92300	57720
Missouri	88358	113620	84000	148800	155040	183645	135485	155550	176900	101400
Nebraska	17864	32400	19600	40680	42500	54740	53100	78660	81000	59450
New Jersey	1350	2652	3312	4248	5921	6090	3492	4872	4250	3059
New York	120	297	312	437	552	650	456	—	—	—
North Carolina	20808	33370	24640	29040	40320	45825	34740	46250	52500	33000
North Dakota	2715	2906	1838	3500	4758	5562	3500	6440	8400	14575
Ohio	72675	102300	95040	119990	127710	144840	135360	99750	136900	101680
Oklahoma	3330	5214	5500	7820	5100	8280	3000	6480	5320	3910
Pennsylvania	896	1456	1450	2077	2520	3136	2524	3100	3200	2730
South Carolina	20200	30360	21420	26650	32340	39840	20800	31000	39600	23595
South Dakota	4323	8550	4607	9608	11895	22605	20020	22330	24400	24778
Tennessee	26450	46250	40500	52170	56870	70740	45900	61100	62100	30225
Texas	4424	9250	9022	20140	19743	20930	13860	10560	23460	9660
Virginia	6780	10825	8359	8360	13300	15276	9150	16828	18620	10370
Wisconsin	3672	5279	3344	6720	6880	10030	10890	12375	13640	13430

Source: CROP PRODUCTION SUMMARY, U.S. Department of Agriculture, Crop Reporting Board.

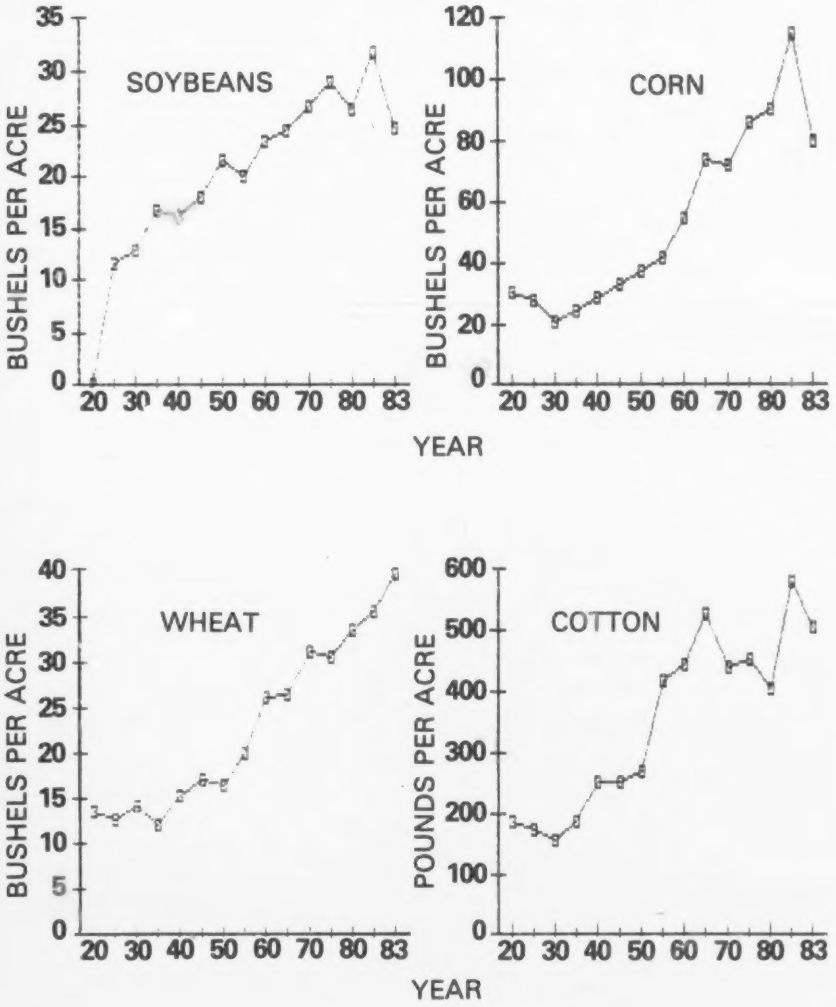
U.S. PRODUCTION OF MAJOR CROPS



U.S. HARVESTED ACREAGE OF MAJOR CROPS



U.S. YIELD PER ACRE OF MAJOR CROPS



BRAZILIAN SOYBEAN AREA, YIELD AND PRODUCTION BY STATE
1979 - 1984

Area Harvested for Beans (Thousand Hectares)

	1979	1980	1981	1982	1983	1984[1]
Rio Grande Do Sul	4110	4000	3657	3540	3483	3650
Parana	2340	2400	2233	2100	2022	2200
Mato Grosso Do Sul	600	770	803	843	925	1020
Santo Catarina	475	520	510	445	405	420
Sao Paulo	545	670	573	516	516	500
Others	280	340	743	758	876	1260
Total	8350	8700	8519	8202	8227	9050

Average Yield per Hectare for Beans (Tonnes)

	1979	1980	1981	1982	1983	1984[1]
Rio Grande	1.00	1.55	1.58	1.19	1.56	1.45
Parana	1.75	2.38	2.20	2.00	2.13	2.11
Mato Grosso Do Sul	0.68	1.56	1.72	1.82	2.01	1.79
Santo Catarina	1.14	1.08	1.35	1.20	1.11	1.25
Sao Paulo	1.55	1.63	1.60	1.92	1.92	1.95
Others	0.75	1.32	1.94	1.78	2.10	1.87
Total	1.22	1.75	1.77	1.56	1.79	1.72

Total Production of Beans (Thousand Tonnes)

	1979	1980	1981	1982	1983	1984[1]
Rio Grande Do Sul	4100	6200	5760	4221	5300	5275
Parana	4100	5700	4913	4200	4315	4640
Mato Grosso Do Sul	405	1200	1380	1537	1855	1830
Santo Catarina	540	560	688	534	450	525
Sao Paulo	845	1090	914	993	993	975
Others	210	450	1445	1350	1837	2355
Total	10200	15200	15100	12835	14750	15600

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[1] Estimate. Source: U.S. Agricultural Attache

CANADIAN SOYBEAN PRODUCTION

Acreage, Yield, Production, Farm Price and Value

1950-1983

Crop Year	Harvested acreage (Th. acres)	Avg. yield per harvested acre (bu./acre)	Production (Th.bu.)	Avg. farm price ($/bu.)	Total farm value (Th. $)
1950-51	142	23.4	3,323	2.55	8,474
1955-56	214	26.4	5,650	2.09	11,808
1960-61	227	22.0	4,997	2.03	11,521
1961-62	213	31.0	6,614	2.25	14,920
1962-63	220	30.0	6,614	2.48	16,388
1963-64	227	22.0	4,997	2.80	14,006
1964-65	230	30.4	6,981	2.87	20,021
1965-66	264	30.5	8,047	2.70	21,681
1966-67	279	32.3	9,002	3.00	27,036
1967-68	289	28.0	8,084	2.68	21,684
1968-69	294	31.3	9,039	2.42	21,845
1969-70	321	24.0	7,716	2.61	20,003
1970-71	336	31.0	10,398	2.78	28,906
1971-72	368	28.0	10,288	3.17	32,575
1972-73	405	34.0	13,779	5.73	78,902
1973-74	469	31.1	14,587	6.17	89,897
1974-75	415	27.0	11,060	6.08	62,563
1975-76	390	34.6	13,485	4.92	54,051
1976-77	378	24.3	9,186	7.05	95,069
1977-78	551	38.7	21,311	6.25	133,194
1978-79	704	26.9	18,960	7.64	144,854
1979-80	699	35.3	24,655	6.96	171,599
1980-81	699	37.5	26,198	8.33	218,229
1981-82	689	32.4	22,303	5.74	128,019
1982-83	899	35.0	31,489	5.35	168,466
1983-84[1]	899	29.5	26,492	7.80	206,638

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[1] Preliminary. Source: Compiled from records of STATISTICS CANADA. U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

CANADIAN SOYBEAN PRODUCTION AND UTILIZATION

1950-1983

Year beg. Aug. 1	Production (Th.bu.)	Imports (Th.bu.)	Supplies (Th.bu.)	Exports of beans (Th.bu.)	Processed for oil and meal (Th.bu.)	Soy oil produced (Th.lb.)	Soybean oilcake produced (Short tons)
1950	3,323	4,723	8,046	—	7,393	72,676	176,343
1955	5,650	8,309	13,959	1,492	11,799	124,171	279,095
1960	4,997	12,345	17,346	1,381	16,279	173,837	380,558
1961	6,614	13,329	19,960	3,671	16,916	176,821	396,067
1962	6,614	14,711	21,319	2,445	17,862	183,592	418,526
1963	4,997	15,656	20,658	1,614	18,606	192,655	441,526
1964	6,981	16,461	23,442	3,197	19,401	198,413	461,868
1965	8,047	17,049	25,096	2,168	20,650	205,026	491,631
1966	9,002	16,277	25,279	3,601	19,878	200,617	473,994
1967	8,084	13,338	21,422	1,580	19,842	198,413	471,789
1968	9,039	12,456	21,495	1,139	20,062	205,026	476,198
1969	7,716	17,380	25,096	1,102	23,883	244,709	563,281
1970	10,398	15,726	26,124	808	23,589	240,300	553,360
1971	10,288	14,808	25,096	1,396	23,296	240,300	544,542
1972	13,779	10,986	24,765	1,102	22,487	218,254	532,416
1973	14,587	12,493	27,080	1,102	23,589	240,300	554,462
1974	11,060	12,713	23,773	294	23,295	238,095	550,053
1975	13,485	13,595	27,080	808	25,721	262,346	606,271
1976	9,186	14,404	23,590	2,919	22,303	227,072	528,007
1977	21,311	9,664	30,975	2,352	26,749	273,368	625,010
1978	18,960	12,860	31,820	3,344	27,301	284,392	636,033
1979	24,655	15,506	40,161	1,984	34,466	346,120	813,506
1980	26,198	14,734	40,932	5,218	34,172	350,529	806,892
1981	22,303	15,579	37,882	3,050	35,347	361,552	834,449
1982	31,489	15,395	46,884	4,299	38,324	394,621	918,225
1983[1]	26,492	12,860	39,352	2,939	35,935	368,166	857,598

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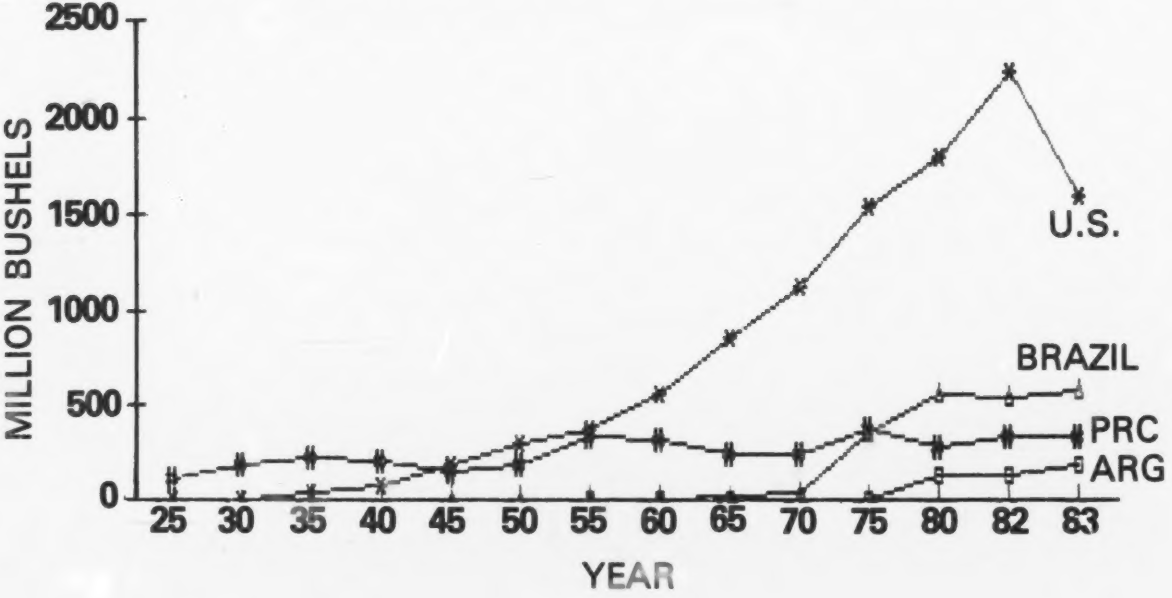
[1] Preliminary.

Source: Compiled from records of STATISTICS CANADA. U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

SOYBEAN PRODUCTION BY MAJOR COUNTRIES



WORLD SOYBEAN PRODUCTION

Area and Production in Specified Countries and the World Total

1978/79-1983/84[1]

Continent and Country	Area[2]						Production					
	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84[3]
	(In 1,000 hectares)						(In 1,000 metric tons)					
NORTH AMERICA:												
Canada	285	283	283	279	364	364	516	671	713	607	857	721
Mexico	215	380	150	370	350	350	330	680	280	680	550	620
United States[4]	25,764	28,557	27,461	26,858	28,256	25,157	50,859	61,722	48,772	54,435	60,677	43,421
CENTRAL & SOUTH AMERICA:												
Argentina	1,600	2,030	1,740	1,986	2,116	2 550	3,700	3,600	3,500	4,150	3,570	5,300
Bolivia	28	38	27	45	42	43	41	48	40	78	55	85
Brazil	8,256	8,774	8,485	8,202	8,227	9,250	10,240	15,156	15,200	12,835	14,750	15,600
Chile	1	1	1	1	1	1	2	1	1	1	1	1
Colombia	71	79	44	49	60	45	146	154	89	99	127	85
Ecuador	16	21	20	21	21	5	23	30	31	35	37	8
Guatemala	0	0	0	1	1	1	0	0	0	1	2	2
Paraguay[5]	360	400	400	420	350	420	549	575	600	600	500	625
Peru	4	4	6	6	5	6	5	5	8	8	5	6
Uruguay	35	35	35	22	15	28	35	45	45	25	15	33
Venezuela	0	3	0	0	0	0	0	5	0	0	0	0
AFRICA:												
Egypt	34	42	35	46	60	75	79	106	92	130	166	210
Nigeria[6]	190	195	165	165	195	165	73	75	55	60	65	50
South Africa[6]	26	28	22	22	30	33	26	40	26	21	26	35
Zimbabwe	45	51	38	60	61	60	84	89	66	89	75	75
EUROPE:												
Bulgaria	99	96	94	94	70	90	120	157	107	113	116	100
Czechoslovakia	3	5	2	2	3	3	6	5	6	6	6	6
France	4	17	8	9	9	12	4	16	14	18	18	28
Hungary	19	20	20	24	25	31	27	35	37	42	52	50
Italy	0	0	0	3	17	25	0	0	0	9	50	70
Romania	202	302	364	310	315	300	230	383	448	268	352	300
Spain	9	9	7	4	5	3	17	15	14	6	9	4
Yugoslavia	34	31	17	48	77	100	63	67	34	92	198	200

Continent and Country	Area[2]						Production					
	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84[3]	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84[3]
	(In 1,000 hectares)						(In 1,000 metric tons)					
SOVIET UNION:	815	838	854	864	876	850	634	467	525	450	490	500
ASIA:												
Burma	23	22	24	26	26	25	16	15	17	19	20	19
China:												
P.R.C.	7,144	7,247	7,226	8,024	8,414	8,000	7,565	7,460	7,940	9,325	9,030	9,300
Taiwan	19	15	10	8	6	7	32	26	16	12	9	11
India	275	400	392	622	768	800	220	350	442	467	491	700
Indonesia	784	732	810	606	692	727	680	653	704	514	580	625
Iran	67	58	34	50	50	50	113	95	50	80	80	80
Japan[5]	127	130	142	147	147	143	190	192	174	212	226	210
Korea, North	300	300	300	300	300	300	320	330	330	330	330	330
Korea, Republic of[5]	247	207	188	202	182	205	293	257	216	257	226	270
Pakistan	0	0	0	3	4	4	0	0	0	2	3	3
Philippines	8	10	10	11	10	12	6	9	10	11	8	7
Thailand[5]	109	126	128	130	112	112	102	100	131	117	110	110
Turkey	3	3	3	17	21	30	3	3	3	15	38	45
OCEANIA:												
Australia	54	57	40	41	46	59	99	82	73	77	37	93
WORLD TOTAL	47,275	51,546	49,585	50,098	52,299	50,441	77,448	93,719	80,809	86,296	93,967	79,938

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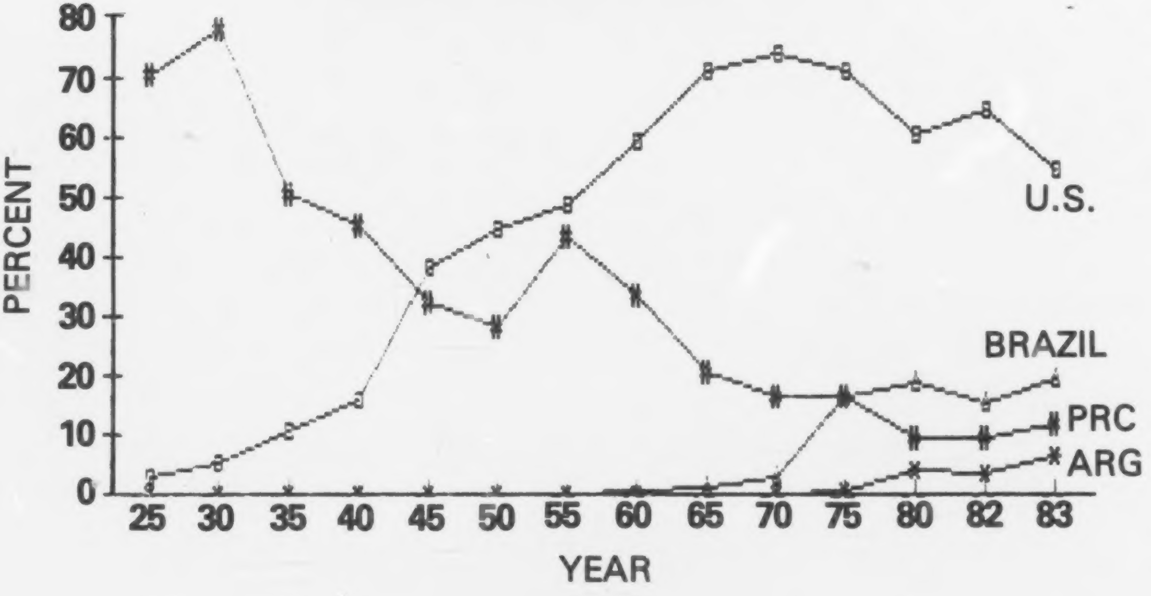
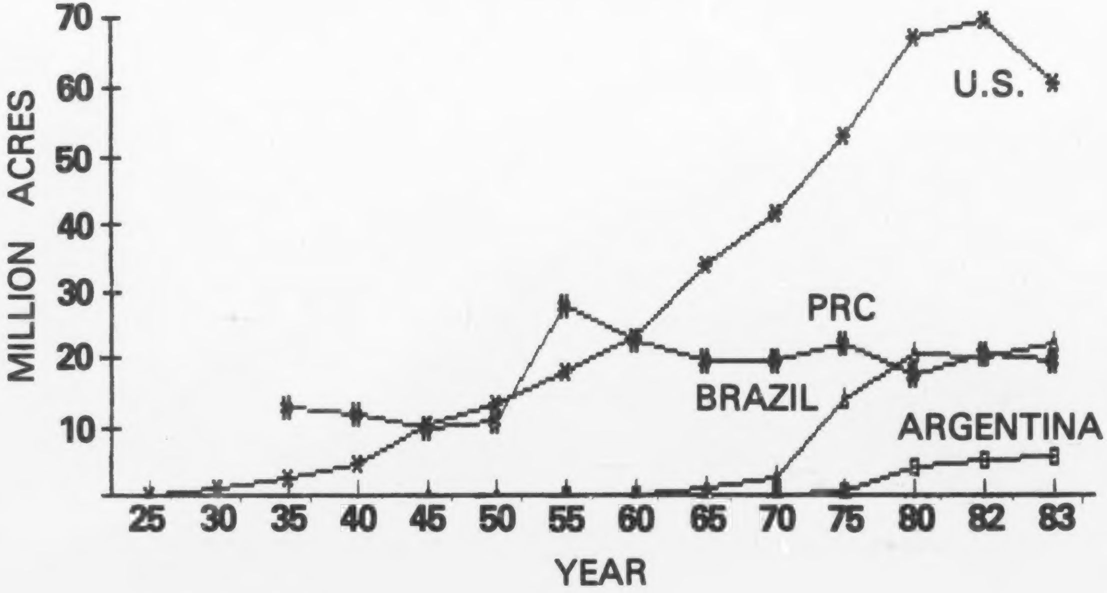
[1] Split years shown refer to years of harvest, Northern Hemisphere crops which are harvested in the first part of the split year (for example September-October 1978) and Southern Hemisphere crops which are harvested in the first part of the following year (for example March-April 1979). In this example, the split year designation would be 1978/79. [2] Figures refer to harvested areas as far as possible. [3] Estimated. [4] Hectares harvested for soybeans. [5] Planted area. [6] Quantities purchased by the Nigerian Marketing Board for exports.

Source: U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

SHARE OF WORLD SOYBEAN PRODUCTION BY MAJOR COUNTRIES



SOYBEAN ACREAGE BY MAJOR COUNTRIES



U.S. SOYBEANS: SUPPLY, DISPOSITION, ACREAGE/YIELD AND PRICE
1974-1983

	Year beginning September									
	1974	1975	1976	1977	1978	1979	1980	1981	1982[1]	1983[2]
Supply (Mil. bu.)										
Beginning stocks, Sept. 1	170.8	188.2	244.9	102.9	161.0	174.0	359.0	318.0	266.0	383.0
Production	1,216.3	1,547.4	1,287.6	1,761.8	1,869.0	2,268.0	1,792.0	2,000.0	2,229.0	1,595.0
Total Supply	1,387.1	1,735.6	1,532.5	1,864.7	2,030.0	2,442.0	2,151.0	2,318.0	2,495.0	1,978.0
Disposition (Mil. bu.)										
Crushings	701.3	865.1	790.2	926.7	1,018.0	1,123.0	1,020.0	1,030.0	1,108.0	985.0
Exports	420.7	555.1	564.1	700.5	739.0	875.0	724.0	929.0	905.0	725.0
Seed	57.2	53.5	61.0	68.0	75.0	67.0	65.0	69.0	60.0	71.0
Feed	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Residual	18.8	15.8	13.3	7.5	23.0	17.0	23.0	23.0	38.0	46.0
Total disposition	1198.9	1490.7	1,429.6	1,703.7	1,856.0	2,083.0	1,833.0	2,052.0	2,112.0	1,828.0
Ending stocks, Aug.31	188.2	244.9	102.9	161.0	174.0	359.0	318.0	266.0	383.0	150.0
Acreage and Yield (Mil. acres)										
Acreage planted	52.5	54.6	50.2	58.8	64.7	71.6	70.0	67.8	71.5	63.5
Acreage harvested for beans	51.3	53.6	49.4	57.6	63.6	70.6	67.9	66.4	69.8	62.2
Percent harvested (%)	97.7	98.3	98.2	97.9	98.3	98.5	96.9	98.1	97.6	98.0
Yield (Bu./acre)	23.2	28.9	26.1	30.6	29.4	32.1	26.4	30.1	31.9	25.7
Price per bushel (Dollars)										
Support (U.S.farm basis)	2.25	—	2.50	3.50	4.50	4.50	5.02	5.02	5.02	5.02
Received by farmers	6.64	4.92	6.81	5.88	6.66	6.28	7.51	6.04	5.65	7.85
No. 1 yellow, IL pts.	6.32	5.26	7.33	6.14	7.11	6.51	7.67	6.26	6.12	—

[1] Preliminary. [2] Forecast.

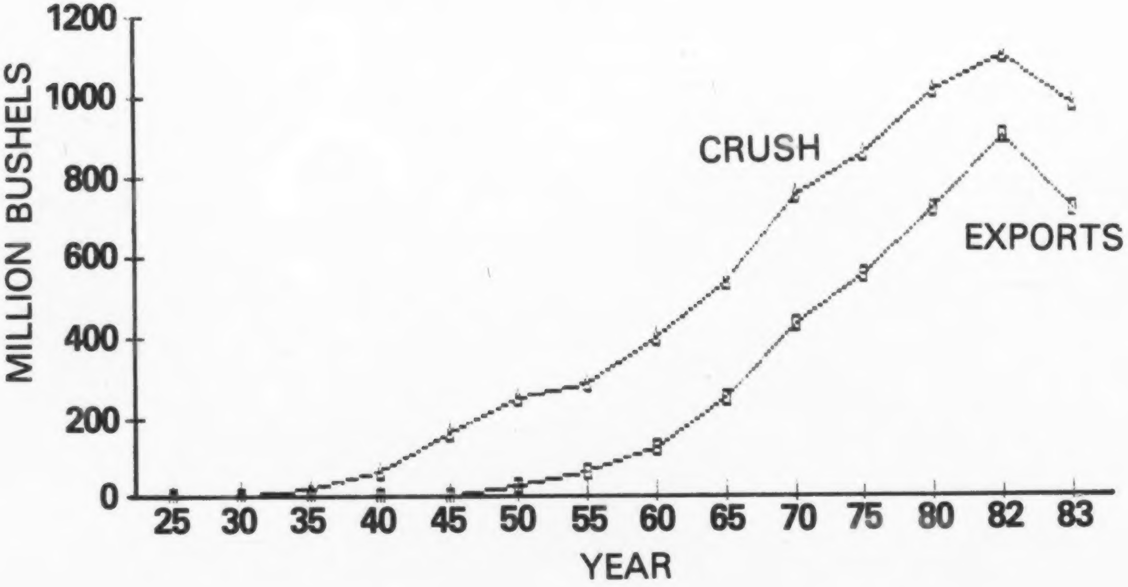
Source: OIL CROPS OUTLOOK AND SITUATION REPORT (Feb.); U.S. Department of Agriculture, Economic Research Service.

U.S. SOYBEAN MEAL AND OIL SUPPLY AND DISPOSITION
1970 - 1983

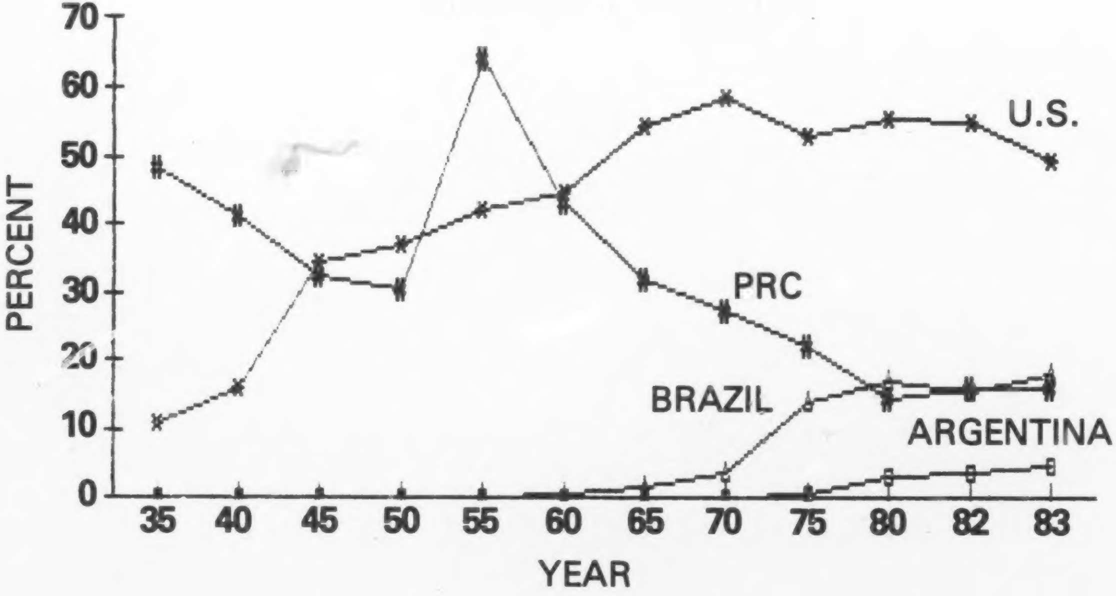
Marketing Year (Oct.-Sept.)	**1970**	**1971**	**1972**	**1973**	**1974**	**1975**	**1976**	**1977**	**1978**	**1979**	**1980**	**1981**	**1982**	**1983**
CRUSH (Mil Bushels)	760	721	722	821	701	865	790	927	1018	1123	1020	1030	1108	985
SOYBEAN MEAL (Thousand short tons)														
Beg Stocks, Oct 1	137	146	192	183	507	358	355	228	243	267	226	163	175	474
Production	18035	17024	16708	19674	16702	20754	18489	22371	24354	27105	24314	24634	26700	23371
Total Supply	18172	17170	16900	19857	17209	21112	18844	22599	24597	27372	24540	24797	26875	23845
Domestic Usage	13467	13173	11972	13802	12552	15612	14057	16276	17720	19238	17600	17714	19450	17500
Exports	4559	3805	4745	5548	4299	5145	4599	6080	6610	7908	6777	6908	7050	6000
Total Usage	18026	16978	16717	19350	16851	20757	18656	22356	24330	27146	24377	24622	26500	23500
End Stocks, Sept 30	146	192	183	507	358	355	188	243	267	226	163	175	375	345
SOYBEAN OIL (Mil Lbs.)														
Beg Stocks, Oct 1	543	773	786	516	794	561	1251	767	729	776	1210	1736	1103	1261
Production	8265	7892	7501	8995	7375	9630	8578	10288	11323	12105	11270	10979	12017	10879
Total Supply	8808	8665	8287	9511	8169	10191	9829	11055	12052	12881	12480	12715	13120	12140
Domestic Usage	6293	6481	6705	7282	6580	7964	7515	8269	8942	8981	9110	9536	9850	9550
Exports	1742	1398	1066	1435	1028	976	1547	2057	2334	2690	1629	2077	1900	1650
Total Usage	8035	7879	7771	8717	7608	8940	9062	10326	11276	11671	10739	11613	11750	11200
End Stocks, Sept 30	773	786	516	794	561	1251	767	729	776	1210	1741	1102	1370	940

SOURCE: U.S. Department of Agriculture, Economic Research Service, World Outlook Board.

SOYBEAN USAGE IN THE U.S.



SHARE OF WORLD SOYBEAN ACREAGE BY MAJOR COUNTRIES



BRAZILIAN SOYBEANS AND PRODUCTS: SUPPLY AND DISPOSITION
LOCAL MARKETING YEARS
(1,000 MT)

	Area Harvested for Beans (Th. Hectares)	Average Yield per Hectare (Metric Tons)	Total Production of Beans	Imports	Exports	Crush	Domestic Consumption	Ending Stocks
SOYBEANS (FEB-JAN)								
1975/76	5824	1.698	9892	0	3516	5516	6171	564
1976/77	6417	1.750	11227	0	3328	6374	7095	1368
1977/78	7070	1.770	12513	0	2581	8661	9455	1845
1978/79	7782	1.226	9541	89	659	8882	9893	923
1979/80	8256	1.240	10240	253	638	9094	10168	610
1980/81	8774	1.727	15156	474	1577	13009	14054	609
1981/82	8485	1.791	15200	991	1523	13648	14663	614
1982/83	8202	1.565	12835	1252	701	12188	13228	772
1983/84	8227	1.793	14750	50	1600	12650	13705	267
1984/85	9050	1.724	15600	100	1700	13100	14155	112
SOYBEAN MEAL (FEB-JAN)								
1975/76	–	–	4279	0	3450	–	810	86
1976/77	–	–	4945	0	4078	–	847	106
1977/78	–	–	6616	0	5329	–	1255	138
1978/79	–	–	6842	0	5368	–	1461	151
1979/80	–	–	7040	0	5038	–	1971	182
1980/81	–	–	9968	0	7214	–	2445	491
1981/82	–	–	10500	0	8644	–	1846	501
1982/83	–	–	9461	0	7735	–	1733	494
1983/84	–	–	9741	0	8000	–	1785	450
1984/85	–	–	10085	0	8300	–	1850	385
SOYBEAN OIL (FEB-JAN)								
1975/76	–	–	1022	0	320	–	702	150
1976/77	–	–	1180	0	430	–	800	100
1977/78	–	–	1585	0	560	–	1025	100
1978/79	–	–	1629	0	522	–	1110	97
1979/80	–	–	1669	127	459	–	1313	121
1980/81	–	–	2464	0	935	–	1426	224
1981/82	–	–	2552	0	1148	–	1488	140
1982/83	–	–	2286	22	859	–	1408	181
1983/84	–	–	2366	30	975	–	1460	142
1984/85	–	–	2445	15	1000	–	1515	87

Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

PRICES OF U.S. SOYBEANS: NO. 1 YELLOW

Average Price Per Bushel, Illinois Country Shipping Points
By Month (In Dollars)

Year[1]	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Average
1950	2.45	2.30	2.72	2.95	3.10	3.25	3.25	3.25	3.24	3.04	2.94	2.87	2.95
1955	2.24	2.22	2.19	2.27	2.35	2.45	2.56	2.85	3.10	2.97	2.54	2.40	2.51
1960	2.07	2.04	2.05	2.15	2.39	2.66	2.88	3.14	3.06	2.73	2.59	2.63	2.53
1965	2.61	2.38	2.49	2.62	2.77	2.84	2.82	2.92	3.03	3.30	3.49	3.63	2.91
1966	3.13	2.88	2.89	2.95	2.88	2.84	2.82	2.80	2.80	2.82	2.74	2.72	2.86
1967	2.62	2.51	2.50	2.57	2.62	2.64	2.64	2.64	2.65	2.64	2.64	2.62	2.61
1968	2.50	2.32	2.45	2.52	2.55	2.55	2.56	2.60	2.64	2.61	2.64	2.60	2.54
1969	2.41	2.30	2.36	2.41	2.47	2.46	2.47	2.58	2.65	2.73	2.80	2.75	2.53
1970	2.75	2.90	2.97	2.88	2.99	3.01	3.00	2.91	2.99	3.12	3.30	3.23	3.00
1971	3.01	3.01	2.98	3.06	3.05	3.14	3.35	3.47	3.47	3.44	3.48	3.45	3.24
1972	3.42	3.61	3.64	4.07	4.46	5.80	6.15	6.52	8.94	10.84	8.47	9.00	6.22
1973	6.10	5.62	5.57	5.92	6.19	6.35	6.29	5.59	5.47	5.51	7.11	7.76	6.12
1974	7.64	8.30	7.54	7.23	6.38	5.69	5.60	5.55	5.19	5.16	5.60	6.02	6.32
1975	5.57	5.01	4.71	4.58	4.64	4.75	4.72	4.75	5.23	6.23	6.66	6.31	5.26
1976	6.59	6.22	6.55	6.86	7.06	7.26	8.25	9.60	9.42	8.25	6.40	5.49	7.33
1977	5.16	5.07	5.84	5.94	5.73	5.65	6.58	6.81	7.01	6.76	6.62	6.47	6.14
1978	6.42	6.72	6.68	6.81	6.89	7.28	7.45	7.27	7.21	7.70	7.64	7.28	7.11
1979	7.04	6.56	6.52	6.53	6.36	6.42	6.07	5.80	6.04	6.10	7.22	7.45	6.51
1980	8.13	8.27	8.91	7.73	7.57	7.34	7.37	7.72	7.58	7.13	7.36	6.94	7.67
1981	6.44	6.30	6.28	6.23	6.30	6.24	6.16	6.42	6.56	6.31	6.20	5.73	6.26
1982	5.40	5.26	5.70	5.73	5.81	5.86	5.98	6.35	6.27	6.06	6.59	8.46	6.12
1983	8.93	8.46	8.20	7.77	7.67	7.37							

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[1] Year begins in September. Note: Beginning September 1953, price quotations are for No.1 and No.2 yellow soybeans when the degrading factors were test weight and/or splits only. Source: OIL CROPS OUTLOOK AND SITUATION REPORT (Feb.), U.S. Department of Agriculture, Economic Research Service.

PRICES OF U.S. SOYBEANS: RECEIVED BY FARMERS

Average Price Per Bushel
By Month[1] (In Dollars)

Year[2]	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Average[3]
1950	2.26	2.03	2.54	2.70	2.90	3.08	3.10	3.12	3.13	2.98	2.86	2.71	2.47
1955	2.00	2.08	2.06	2.11	2.19	2.25	2.38	2.63	2.98	2.87	2.47	2.33	2.22
1960	1.97	1.94	1.96	1.99	2.23	2.48	2.68	3.02	2.96	2.60	2.48	2.49	2.13
1965	2.35	2.31	2.36	2.48	2.67	2.77	2.71	2.78	2.90	3.04	3.37	3.49	2.54
1966	2.97	2.78	2.80	2.82	2.77	2.71	2.74	2.71	2.69	2.71	2.66	2.56	2.75
1967	2.53	2.44	2.43	2.48	2.53	2.57	2.57	2.56	2.58	2.54	2.52	2.51	2.49
1968	2.40	2.32	2.40	2.42	2.46	2.48	2.48	2.51	2.56	2.52	2.52	2.51	2.43
1969	2.28	2.23	2.30	2.30	2.36	2.40	2.42	2.48	2.52	2.60	2.72	2.65	2.35
1970	2.66	2.67	2.86	2.77	2.86	2.92	2.91	2.80	2.85	2.98	3.18	3.09	2.85
1971	2.95	2.96	2.84	2.93	2.92	3.00	3.20	3.37	3.35	3.32	3.34	3.36	3.03
1972	3.26	3.13	3.38	3.95	4.10	5.49	6.05	6.14	8.27	10.00	6.69	8.99	4.37
1973	5.81	5.63	5.14	5.65	5.87	6.07	5.96	5.15	5.21	5.13	6.10	7.55	5.68
1974	7.32	8.17	7.44	7.03	6.30	5.72	5.31	5.60	5.00	4.90	5.28	5.80	6.64
1975	5.32	4.92	4.45	4.28	4.46	4.50	4.46	4.52	4.87	6.16	6.73	6.07	4.92
1976	6.65	5.90	6.11	6.56	6.81	7.06	7.83	9.05	9.24	8.13	6.52	5.48	6.81
1977	5.17	5.28	5.61	5.68	5.75	5.53	6.20	6.49	6.77	6.69	6.40	6.21	5.88
1978	6.20	6.26	6.41	6.49	6.58	6.99	7.16	7.06	7.06	7.36	7.36	7.07	6.66
1979	6.81	6.35	6.30	6.27	6.39	6.20	5.94	5.63	5.91	5.76	6.75	7.18	6.28
1980	7.59	7.68	8.18	7.80	7.80	7.50	7.59	7.60	7.42	7.10	7.16	6.71	7.57
1981	6.21	6.06	6.04	6.00	6.13	6.04	5.99	6.17	6.27	6.12	5.99	5.59	6.04
1982	5.22	5.06	5.34	5.46	5.56	5.66	5.82	6.08	6.05	5.91	6.28	7.57	5.65
1983	8.28	7.96	7.80	7.74	7.85	7.02							

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[1] Monthly prices computed by weighting state prices by estimated sales for the month. [2] Year begins in September. [3] Includes allowance for unredeemed loans and purchase agreement deliveries by states. Source: OIL CROPS OUTLOOK AND SITUATION REPORT (Feb.), U.S. Department of Agriculture, Economic Research Service.

U.S. SOYBEAN PRICE SUPPORT OPERATIONS

			Under Price Support							
Year Beginning October	Production (1,000 bu.)	Owned by CCC on Oct. 1 (1,000 bu.)	Loans (1,000 bu.)	Purchase agreements (1,000 bu.)	Total (1,000 bu.)	% of crop %	Deliveries to CCC (1,000 bu.)	Support rate per bu. $	Season avg. price rec'd by farmers[1] $	Price rec'd by farmers as % of parity[2] %
1945	193,167	—	32	—	32	0.02	—	2.04	2.08	123
1950	299,249	7	14,716	238	14,954	5.00	29.0	2.06	2.47	102
1955	373,682	6,570	27,490	2,643	30,133	8.10	2.0	2.04	2.22	82
1960	555,085	9,700	25,400	200	25,600	4.60	0.0	1.85	2.13	84
1961	678,554	0	114,700	17,800	132,500	19.50	57,200.0	2.30	2.28	79
1962	669,186	42,500[3]	66,600	2,200	68,800	10.30	1.2	2.25	2.34	79
1963	699,165	1,700	69,600	3,200	72,800	10.40	12.2	2.25	2.51	83
1964	700,921	3,038	28,572	—	28,572	4.10	8.0	2.25	2.62	86
1965	845,608	9	86,517	—	86,517	10.20	29.0	2.25	2.54	84
1966	928,481	1	153,142	—	153,154	16.50	25,955.0	2.50	2.75	85
1967	976,439	7,363[4]	200,638	—	200,638	20.50	83,488.0	2.50	2.49	75
1968	1,106,958	41,555[5]	336,862	—	336,862	30.50	166,327.0	2.50	2.43	71
1969	1,133,120	180,867[6]	179,496	—	179,496	15.90	230.0	2.25	2.35	65
1970	1,127,100	115,311[7]	146,416	—	146,416	13.00	37.0	2.25	2.85	75
1971	1,176,101	1,401	168,204	—	168,204	14.30	45.0	2.25	3.03	72
1972	1,270,608	—	90,555	—	90,555	7.10	6.0	2.25	4.37	88
1973	1,547,543	—	124,177	—	124,177	8.00	4.0	2.25	5.68	92
1974	1,216,287	—	34,554	—	34,554	2.80	—	2.25	6.64	95
1975	1,548,344	—	—	—	—	—	—	None	4.92	68
1976	1,288,608	—	22,471	—	22,471	1.70	4.0	2.50	6.81	90
1977	1,767,267	—	97,262	—	97,262	5.50	18.0	3.50	5.88	77
1978	1,868,754	—	64,208	—	64,208	3.40	13.0	4.50	6.66	75
1979	2,267,901	1	122,349	—	122,349	5.40	42.0	4.50	6.28	62
1980	1,792,062	19	133,192	—	133,192	7.40	56.0	5.02	7.57	65
1981	2,000,145	2,704	221,154	—	221,154	9.90	84.0	5.02	6.04	47
1982	2,229,486	20,770	395,663	—	395,663	—	—	5.02	5.65	43
1983	1,595,437	—	—	—	—	—	—	5.02	—	—

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[1] State average weighted by sales to obtain national average. Prices for years in which there was a substantial volume of deliveries to CCC from loans and purchase agreements include an allowance for such deliveries valued at average loan rates. [2] Generally mid-September parity prices. [3] Excludes 11 million bushels resealed in farm storage. [4] Excludes 20 million bushels resealed in farm storage. [5] Excludes 52 million bushels resealed. [6] Excludes 103 million bushels resealed. [7] Excludes 42 million bushels resealed.

Source: U.S. Department of Agriculture, Agricultural Stabilization & Conservation Service, Analysis Division.

U.S. SOYBEAN CROP VALUE

U.S. and Major Producing States
1925-1983 (In 1,000 Dollars)

Year	U.S.	Illinois	Iowa	Indiana	Ohio	Missouri	Minnesota	Arkansas
1925	11,430	3,077	260	872	571	905	—	69
1930	19,058	8,225	1,350	2,495	651	1,584	—	184
1935	35,565	18,983	4,510	4,879	1,771	1,140	76	604
1940	70,224	29,675	12,478	8,929	8,168	1,601	779	832
1945	402,234	156,416	73,143	58,889	39,935	19,843	13,860	6,822
1950	737,760	238,383	112,094	89,208	62,539	64,790	42,785	28,357
1955	830,909	227,956	101,293	99,951	66,640	71,155	98,412	44,469
1956	980,299	295,466	108,500	112,584	68,693	78,303	111,910	58,942
1957	1,002,641	266,904	156,474	111,320	67,813	76,503	109,608	63,528
1958	1,160,112	292,207	160,505	120,731	75,051	109,755	106,791	93,530
1959	1,046,468	250,639	119,906	117,992	71,659	97,383	80,709	106,928
1960	1,184,910	288,335	141,164	140,843	80,063	102,304	87,623	109,231
1961	1,543,909	366,556	221,256	168,903	108,486	142,381	121,147	114,812
1962	1,564,352	378,153	218,177	176,670	102,287	141,996	100,433	143,283
1963	1,755,076	414,444	266,053	183,192	103,741	159,000	141,513	145,145
1964	1,836,441	385,615	311,584	176,835	109,225	144,986	148,304	175,854
1965	2,151,305	467,141	329,121	199,362	129,702	192,762	155,213	195,392
1966	2,553,407	447,536	397,931	202,664	165,578	229,886	215,878	233,186
1967	2,432,564	471,286	360,662	176,082	126,499	186,006	174,360	228,450
1968	2,679,210	520,512	434,203	249,293	166,603	246,154	172,072	215,507
1969	2,647,499	536,583	424,446	246,422	160,423	190,008	178,143	228,027
1970	3,204,650	611,320	520,572	289,611	195,389	250,937	229,126	279,484
1971	3,559,708	729,086	548,763	330,980	247,438	292,978	196,935	277,350
1972	5,550,459	1,159,697	1,023,840	462,383	344,585	466,092	413,574	334,530
1973	6,724,231	1,642,709	1,477,300	763,513	507,088	710,640	693,840	338,800
1974	8,069,585	1,314,614	1,266,149	685,613	536,718	611,654	525,840	568,632
1975	7,617,984	1,530,547	1,206,228	605,593	511,500	549,921	494,721	551,075
1976	8,768,979	1,758,834	1,409,648	747,184	664,330	558,600	479,697	533,520
1977	10,351,545	2,021,163	1,487,933	806,637	698,342	854,112	789,627	650,670
1978	12,458,598	2,078,089	1,930,082	963,323	852,994	1,056,284	952,963	773,808
1979	14,250,214	2,448,857	1,890,334	1,005,638	916,837	1,142,272	975,360	928,648
1980	13,559,595	2,361,248	2,352,939	1,195,214	1,036,858	1,028,331	1,084,066	516,128
1981	12,071,341	2,161,725	1,916,880	922,944	616,455	934,856	803,184	610,830
1982	12,684,746	2,129,412	1,808,856	979,403	777,592	992,409	996,212	616,680
1983*	13,073,288	2,156,440	2,219,248	1,022,458	838,860	836,550	1,192,320	571,212

*Preliminary.

Source: U.S. Department of Agriculture, Statistical Reporting Service.

U.S. FARM MARKETINGS OF SOYBEANS

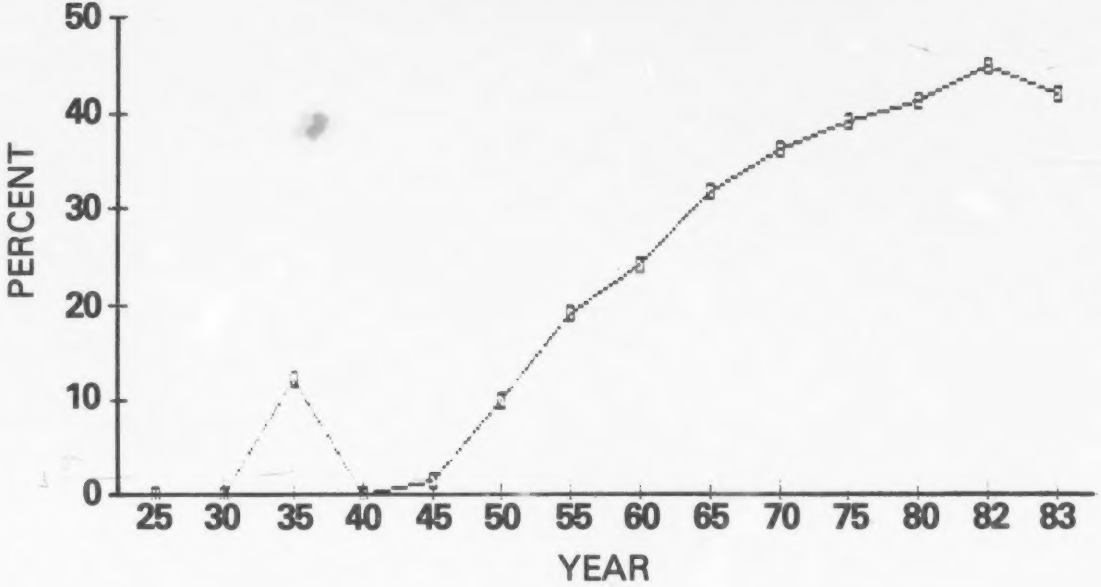
Percent of Open Market Farm Sales, by Month
1973/74 — 1982/83

Crop Marketing Season

Month	1973/74	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83
September	3.1	3.7	4.7	8.3	3.5	6.9	5.0	9.9	6.0	5.7
October	19.0	24.0	20.1	22.4	18.4	25.1	21.7	25.2	18.4	17.6
November	15.5	15.9	13.9	15.4	11.7	10.5	11.4	11.4	15.6	14.0
December	7.2	7.0	6.8	7.7	8.1	6.2	7.3	5.4	7.2	8.5
January	13.8	9.6	10.7	12.3	9.1	11.3	10.4	10.4	10.7	12.6
February	9.0	5.2	7.1	9.8	8.4	10.2	7.3	4.3	6.4	6.2
March	7.0	6.0	6.9	8.7	13.1	6.7	6.6	7.8	6.6	6.7
April	4.7	5.0	6.1	7.2	7.7	4.5	5.3	5.9	9.1	5.7
May	5.4	5.6	7.0	3.4	7.1	4.4	6.4	5.0	6.7	4.0
June	5.6	6.5	6.1	1.9	4.4	6.9	6.4	3.6	4.0	4.3
July	6.3	6.7	5.6	1.2	4.0	3.5	6.9	5.4	4.9	7.8
August	3.4	4.8	5.0	1.7	4.5	3.8	5.3	5.7	4.4	6.9
Year	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: U.S. Department of Agriculture, Statistical Reporting Service.

U.S. SOYBEAN EXPORTS — PERCENT OF TOTAL USAGE



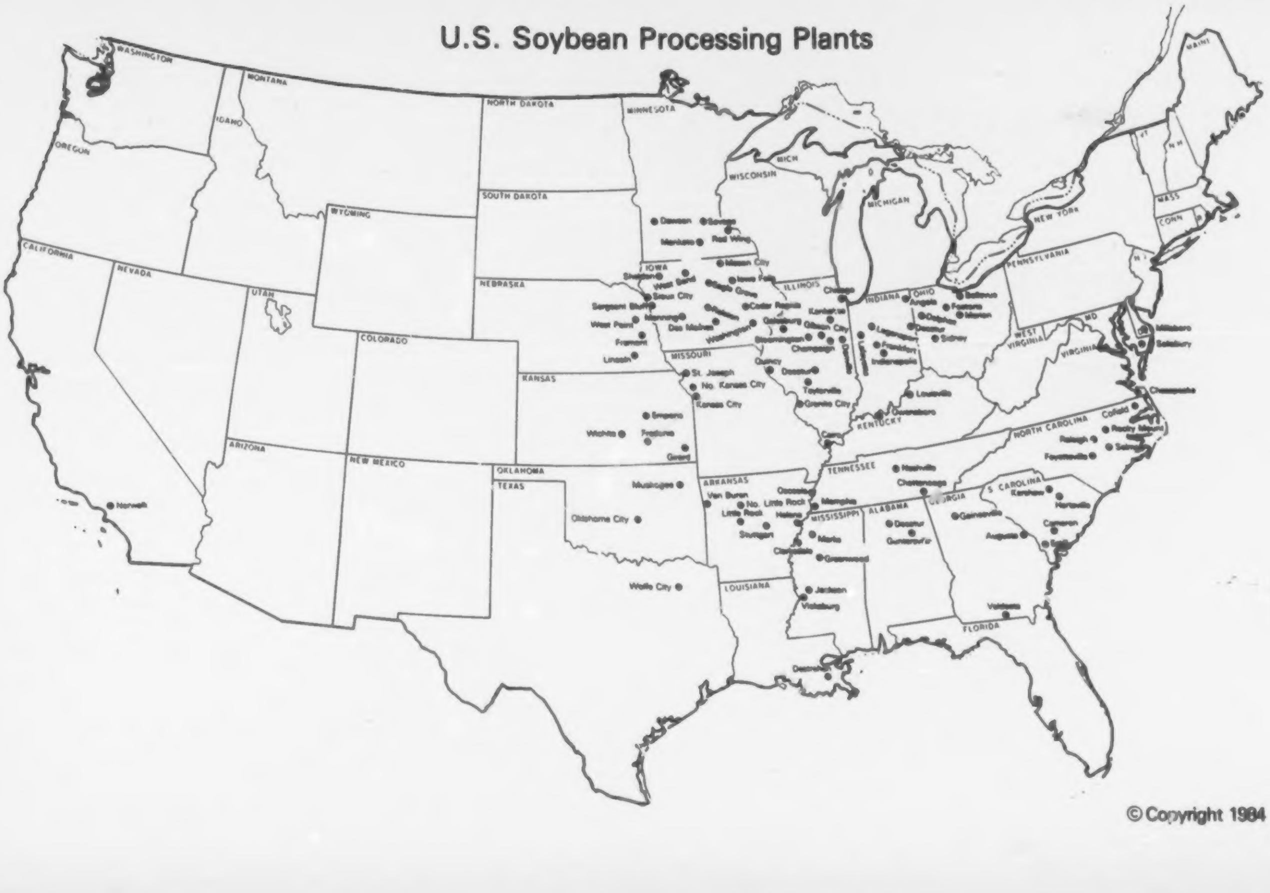
ARGENTINE SOYBEANS AND PRODUCTS: SUPPLY AND DISPOSITION LOCAL MARKETING YEARS

(1,000 MT)

	Area Harvested for Beans (Th. Hectares)	Average Yield per Hectare (Metric Tons)	Total Production of Beans	Imports	Exports	Crush	Domestic Consumption	Ending Stocks
SOYBEANS (APR-MAR)								
1975/76	356	1.362	485	0	0	529	574	218
1976/77	434	1.601	695	0	111	496	567	235
1977/78	660	2.121	1400	0	623	589	725	287
1978/79	1250	2.160	2700	0	1969	686	871	147
1979/80	1600	2.313	3700	0	2776	639	844	227
1980/81	2030	1.773	3600	0	2726	720	897	204
1981/82	1740	2.011	3500	0	2190	1081	1279	235
1982/83	1986	2.090	4150	0	2151	1907	2127	107
1983/84	2116	1.687	3570	0	1350	2050	2270	57
1984/85	2450	2.041	5000	0	2150	2600	2830	77
SOYBEAN MEAL (APR-MAR)								
1975/76	–	–	406	0	158	–	265	13
1976/77	–	–	384	0	251	–	131	15
1977/78	–	–	455	0	325	–	141	4
1978/79	–	–	536	0	370	–	156	14
1979/80	–	–	499	0	260	–	244	9
1980/81	–	–	561	0	277	–	277	16
1981/82	–	–	838	0	591	–	241	22
1982/83	–	–	1500	0	1209	–	261	52
1983/84	–	–	1600	0	1300	–	292	60
1984/85	–	–	2030	0	1705	–	310	75
SOYBEAN OIL (APR-MAR)								
1975/76	–	–	92	0	20	–	67	8
1976/77	–	–	81	0	67	–	18	4
1977/78	–	–	96	0	64	–	33	3
1978/79	–	–	112	0	59	–	52	4
1979/80	–	–	106	0	102	–	4	4
1980/81	–	–	121	0	88	–	25	12
1981/82	–	–	183	0	84	–	103	8
1982/83	–	–	312	0	220	–	82	18
1983/84	–	–	330	0	245	–	83	20
1984/85	–	–	420	0	330	–	85	25

Source: Counselor and Attache Reports, Official Statistics and Estimates from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. Soybean Processing Plants


WASHINGTON
MONTANA
NORTH DAKOTA
MINNESOTA
IDAHO
OREGON
WISCONSIN
MICH
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SOUTH DAKOTA
WYOMING
MAINE
VT
NH
MASS
CONN
NEW YORK
CALIFORNIA
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St. Joseph
No. Kansas City
Kansas City
Emporia
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Fredonia
Girard
Muskogee
Oklahoma City
Wolfe City
Norwalk
Van Buren
No. Little Rock
Little Rock
Stuttgart
Osceola
Memphis
Helena
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Cameron
Augusta

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U.S. SOYBEAN MEAL: PRICES PAID BY FARMERS

Soybean Meal, 44% Protein: Prices per 100 Pounds, By Month, 1950-1983

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
1950	$4.20	$4.02	$4.11	$4.19	$4.58	$4.73	$5.16	$5.01	$4.44	$4.15	$4.24	$4.34	$4.43
1955	4.77	4.73	4.62	4.50	4.36	4.16	4.16	4.14	4.17	4.33	4.08	3.97	4.33
1960	4.24	4.19	4.14	4.16	4.09	4.05	4.03	3.98	4.01	3.96	3.85	3.80	4.04
1965	4.76	4.81	4.80	4.82	4.82	4.90	5.03	5.04	5.01	5.01	5.10	5.01	4.93
1966	5.06	5.17	5.08	5.03	5.21	5.33	6.11	6.07	6.23	5.73	5.56	5.55	5.51
1967	5.60	5.51	5.45	5.35	5.26	5.31	5.38	5.30	5.47	5.32	5.20	5.17	5.36
1968	5.20	5.24	5.22	5.21	5.23	5.28	5.41	5.51	5.56	5.54	5.39	5.31	5.34
1969	5.24	5.21	5.21	5.21	5.24	5.31	5.36	5.35	5.32	5.26	5.26	5.28	5.27
1970	5.73	5.87	5.62	5.46	5.45	5.42	5.56	5.67	5.72	5.69	5.62	5.67	5.62
1971	5.74	5.69	5.67	5.62	5.63	5.71	5.76	5.79	5.69	5.64	5.61	5.65	5.68
1972	5.74	5.79	5.94	6.14	6.27	6.32	6.53	6.65	6.80	6.91	7.39	8.95	6.62
1973	10.40	11.50	12.60	12.10	15.40	19.60	17.00	18.60	14.90	13.30	11.20	11.90	14.00
1974	11.90	11.40	10.60	9.80	8.75	8.33	8.29	11.40	10.30	11.30	10.70	10.30	10.30
1975	9.86	9.10	8.37	8.64	8.54	8.48	8.57	8.88	9.24	9.23	8.75	8.74	8.87
1976	8.81	8.84	8.86	8.84	9.34	11.50	12.50	11.70	12.20	11.60	11.50	12.20	10.70
1977	12.60	13.00	13.70	15.10	16.00	15.40	13.20	11.80	11.20	10.70	11.00	11.30	12.90
1978	11.30	10.90	11.30	11.90	11.80	11.90	11.90	11.50	11.50	11.80	12.30	12.40	11.70
1979	12.50	12.60	12.80	12.80	12.80	13.10	14.00	13.50	13.20	13.20	12.80	13.00	13.03
1980	12.80	12.80	12.60	12.20	12.30	12.40	12.70	13.70	14.60	15.30	16.50	16.30	13.68
1981	15.90	15.50	15.00	15.20	15.40	15.20	15.00	14.90	14.40	14.00	13.70	13.80	14.83
1982	13.70	13.90	13.70	13.80	13.90	13.90	13.70	13.50	13.20	12.90	12.90	13.00	13.50
1983	13.10	13.20	13.20	13.60	13.70	13.50	13.50	14.70	15.70	15.80	15.80	15.60	14.30
1984	15.60	14.80											

Source: AGRICULTURAL PRICES; U.S. Department of Agriculture, Statistical Reporting Service.

U.S. SOYBEAN MEAL: AVERAGE WHOLESALE PRICE

Soybean Meal, 44% Protein: Price per Ton, Bulk Decatur
By Month, 1950/51-1982/83

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Avg.
1950-51	54.05	61.45	64.70	63.90	69.25	67.00	62.00	63.40	64.40	68.80	64.60	69.75	64.45
1955-56	56.00	49.00	50.25	51.00	49.40	47.40	53.00	60.05	60.75	54.80	52.10	46.90	52.55
1960-61	48.95	44.50	51.25	55.20	61.50	64.45	73.10	71.00	63.85	65.00	68.90	59.60	60.60
1961-62	55.80	59.30	60.20	59.90	57.60	60.60	62.50	64.10	66.70	68.50	71.10	76.70	63.60
1962-63	69.00	70.60	70.50	71.90	73.10	70.80	68.30	68.10	70.40	72.00	75.20	75.20	71.30
1963-64	73.50	74.90	76.90	77.50	74.80	73.40	69.90	65.50	66.50	65.80	63.90	69.50	71.00
1964-65	69.20	66.10	67.80	68.00	69.80	68.50	69.30	68.40	74.60	74.40	69.60	76.80	70.20
1965-66	70.80	75.70	71.40	78.80	77.30	71.50	75.50	80.30	92.70	97.20	97.[illegible]0	88.40	81.50
1966-67	82.20	78.90	84.60	81.70	79.50	76.60	74.50	73.70	78.10	78.20	78.70	79.20	78.80
1967-68	71.80	71.90	73.40	75.10	74.50	75.00	74.60	75.00	79.50	82.80	84.40	85.10	76.90
1968-69	78.20	73.50	71.60	69.80	69.90	72.60	73.30	76.10	77.50	77.30	76.90	72.70	74.10
1969-70	75.40	69.90	82.90	87.50	85.25	71.80	74.60	71.20	74.70	82.90	84.00	81.20	78.40
1970-71	77.25	77.90	82.00	80.25	77.50	77.00	74.25	78.25	81.50	84.25	78.75	73.25	78.50
1971-72	74.75	73.80	80.60	82.60	84.80	90.90	94.50	95.30	95.00	101.40	101.00	107.75	90.20
1972-73	109.00	123.20	174.00	188.40	218.75	199.90	203.25	314.60	412.50	311.20	285.00	208.10	229.00
1973-74	159.60	167.00	192.00	172.00	160.00	147.10	117.20	109.25	100.00	138.10	155.90	138.10	146.40
1974-75	168.20	141.00	143.40	129.20	117.25	117.75	122.00	118.50	120.90	124.00	134.40	133.70	130.90
1975-76	125.90	119.90	125.10	128.25	132.60	127.90	127.10	152.25	187.90	193.90	173.30	179.20	147.80
1976-77	169.60	181.20	197.60	207.00	211.00	226.20	275.60	258.25	225.30	162.00	140.30	143.60	199.80
1977-78	135.00	161.70	160.10	162.20	152.90	179.40	173.00	177.40	169.75	172.00	162.90	163.90	164.20
1978-79	176.80	177.10	188.75	184.90	190.90	194.00	191.10	188.00	209.60	201.60	188.90	188.60	190.00
1979-80	181.40	183.10	188.00	180.20	174.25	164.60	154.20	166.50	160.90	187.90	207.40	234.50	181.91
1980-81	246.40	261.40	223.70	223.50	212.50	210.40	222.00	221.00	200.90	204.10	202.25	190.00	218.18
1981-82	180.75	178.40	187.50	191.00	191.00	183.60	190.25	192.40	183.60	181.90	169.00	160.80	182.52
1982-83	157.00	173.40	178.50	179.25	177.10	177.30	186.75	185.75	175.50	189.30	232.60	233.60	187.19
1983-84	228.60	224.70	216.60	201.90									

Source: U.S. Department of Agriculture, Statistical Reporting Service.

U.S. SOYBEAN MEAL: BEGINNING STOCKS, PRODUCTION, EXPORTS AND DOMESTIC DISAPPEARANCE

By Month, 1976/77-1982/83
(1,000 short tons)

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Total
1976-77													
[1]Stocks	354.9	423.5	427.7	353.9	384.7	429.9	412.6	449.0	408.3	390.7	399.0	270.1	–
Production	1,747.2	1,763.4	1,741.3	1,725.1	1,709.2	1,771.0	1,596.0	1,454.0	1,339.5	1,211.4	1,189.0	1,243.1	18,488.1
Exports	412.3	405.3	470.5	462.9	307.1	645.8	370.5	479.4	240.7	246.1	280.7	292.6	4,613.9
Domestic disappearance	1,266.3	1,353.9	1,344.6	1,231.4	1,356.9	1,142.5	1,189.1	1,015.3	1,116.4	956.9	1,034.9	992.6	14,000.8
1977-78													
[1]Stocks	228.3	270.0	239.7	245.1	251.7	239.7	227.4	298.5	263.3	191.0	262.6	234.1	–
Production	1,781.4	2,017.3	2,044.1	2,006.7	1,778.5	2,050.0	1,875.1	1,959.7	1,725.2	1,680.7	1,757.9	1,696.0	22,372.6
Exports	238.9	533.9	520.6	618.6	454.6	721.5	659.3	508.9	540.7	399.4	470.6	422.7	6,080.0
Domestic disappearance	1,500.8	1,506.5	1,518.0	1,376.1	1,328.9	1,334.9	1,142.2	1,478.9	1,252.9	1,204.7	1,307.6	1,259.1	16,210.6
1978-79													
[1]Stocks	242.9	239.5	205.9	289.1	242.2	225.0	238.2	264.7	237.2	239.0	262.4	173.7	–
Production	2,114.7	2,135.4	2,292.2	2,158.3	1,954.8	2,121.6	1,989.0	2,065.1	1,979.3	1,898.3	1,757.9	1,821.7	24,354.1
Exports	477.5	507.5	738.5	658.9	526.5	903.7	507.5	453.6	502.9	543.7	410.3	379.1	6,609.8
Domestic disappearance	1,640.6	1,661.5	1,470.5	1,546.2	1,445.5	1,204.7	1,454.9	1,638.9	1,474.6	1,331.2	1,502.3	1,348.9	17,719.8
1979-80													
[1]Stocks	267.4	234.3	195.2	240.5	184.3	191.3	251.1	226.1	299.0	302.1	267.8	262.1	–
Production	2,285.8	2,433.3	2,506.1	2,555.1	2,400.0	2,454.4	2,203.1	2,247.1	1,987.8	2,058.4	2,011.5	1,962.5	27,105.1
Exports	513.7	552.1	757.4	806.6	930.1	881.1	661.2	750.7	558.0	577.8	384.1	559.9	7,931.9
Domestic disappearance	1,805.2	1,920.3	1,703.4	1,804.7	1,462.9	1,513.5	1,566.9	1,423.5	1,426.7	1,514.9	1,633.1	1,439.9	19,215.0
1980-81													
[1]Stocks	225.6	242.4	381.4	249.7	242.6	248.1	271.4	211.7	287.6	241.1	188.8	233.8	–
Production	2,325.7	2,366.5	2,248.5	2,207.8	1,905.3	2,141.1	2,045.9	1,963.2	1,765.3	1,734.4	1,787.8	1,820.6	24,312.1
Exports	452.0	463.3	751.5	660.6	760.6	942.2	800.3	526.4	387.1	320.0	416.9	297.3	6,778.2
Domestic disappearance	1,856.9	1,764.1	1,628.7	1,554.3	1,139.2	1,175.6	1,305.3	1,360.9	1,424.7	1,466.7	1,325.9	1,594.4	17,596.8
1981-82													
[1]Stocks	162.7	309.2	314.8	279.4	315.7	324.9	190.3	172.1	309.3	224.9	209.1	189.7	–
Production	2,501.8	2,325.8	2,450.6	2,265.6	2,077.4	2,049.9	1,930.5	2,066.0	1,844.3	1,684.4	1,619.6	1,818.5	24,634.4
Exports	584.6	631.7	666.1	673.6	928.8	713.4	679.2	643.8	457.7	346.6	346.7	235.3	6,907.5
Domestic disappearance	1,770.7	1,688.5	1,819.9	1,555.7	1,139.4	1,471.1	1,269.5	1,285.0	1,471.0	1,353.6	1,292.3	1,597.7	17,714.4
1982-83													
[1]Stocks	175.2	342.8	349.6	332.3	400.2	422.8	341.0	356.1	341.5	272.3	365.2	378.5	–
Production	2,385.9	2,581.4	2,679.1	2,628.1	2,220.7	2,258.7	1,949.8	1,992.7	1,955.8	1,933.5	2,052.8	2,075.1	26,713.6
Exports	448.2	723.1	660.8	1,052.2	826.8	850.2	450.2	458.8	533.8	381.6	330.5	392.5	7,108.7
Domestic disappearance	1,770.1	1,851.5	2,035.6	1,508.0	1,371.3	1,490.3	1,484.5	1,548.5	1,491.2	1,459.0	1,709.0	1,587.0	19,306.0

[1] Beginning of month.

Source: OIL CROPS OUTLOOK AND SITUATION REPORT (Feb.), U.S. Department of Agriculture, Economic Research Service.

U.S. OILSEED CAKE AND MEALS: SUPPLY, DISPOSITION AND PRICE

1975-1983

	Supply				Disposition				
Year Beginning October	Stocks Oct.1[1]	Production	Imports	Total	Domestic disappearance 1,000 tons	Exports	Shipments	Total	Price per ton[2] Dollars
1975									
Soybean	358	20,754	—	21,113	15,552	5,145	61	20,758	147.75
Cottonseed	61	1,238	11	1,311	1,238	24	28	1,291	148.60
Linseed	8	227	—	235	84	143	—	227	134.55
Peanut	3	311	—	315	313	—	—	313	150.90
Total	430	22,530	11	22,974	17,187	5,312	89	22,589	—
1976									
Soybean	355	18,488	—	18,843	14,001	4,559	55	18,615	199.80
Cottonseed	20	1,643	2	1,665	1,524	50	32	1,606	175.80
Linseed	7	210	1	218	127	87	—	214	156.85
Peanut	2	204	—	206	203	—	—	203	207.40
Total	384	20,545	3	20,932	15,855	4,696	87	20,638	—
1977									
Soybean	228	22,371	—	22,599	16,209	6,080	67	22,356	164.20
Cottonseed	59	2,083	4	2,146	1,920	115	42	2,077	140.45
Linseed	4	236	4	244	83	158	—	241	137.75
Peanut	3	99	—	102	100	—	—	100	164.35
Total	294	24,789	8	25,091	18,312	6,353	109	24,774	—
1978									
Soybean	243	24,354	—	24,597	17,673	6,610	47	24,330	190.10
Cottonseed	69	1,885	9	1,963	1,747	150	15	1,912	164.80
Linseed	3	244	2	249	125	118	—	243	152.20
Peanut	2	104	—	106	105	—	—	105	198.50
Total	317	26,587	11	26,915	19,650	6,878	62	26,590	—
1979									
Soybean	267	27,105	—	27,372	19,153	7,932	61	27,146	181.90
Cottonseed	51	2,049	7	2,107	1,863	175	16	2,054	164.10
Linseed	6	207	2	215	134	76	—	210	154.40
Peanut	1	125	—	126	125	—	—	125	186.10
Total	325	29,486	9	29,820	21,275	8,183	77	29,535	—
1980									
Soybean	226	24,312	—	24,538	17,534	6,774	57	24,375	218.20
Cottonseed	53	1,790	—[3]	1,843	1,625	99	11	1,735	197.05
Linseed	5	260	1	266	120	142	—	262	160.55
Peanut	1	84	—	85	84	—	—	84	236.05
Total	285	26,446	1	26,732	19,363	7,015	68	26,456	—
1981									
Soybean	163	24,634	—	24,797	17,673	6,908	41	24,622	182.50
Cottonseed	108	2,190	—	2,298	2,019	107	18	2,144	156.15
Linseed	4	185	2	191	83	103	—	186	151.75
Peanut	1	124	—	125	124	—	—	124	182.10
Total	276	27,133	2	27,411	19,898	7,118	59	27,076	—
1982									
Soybean	175	26,714	—	26,889	19,306	7,109	—	26,415	187.20
Cottonseed	154	1,588	—	1,742	1,648	1	—	1,649	176.55
Linseed	5	180	2	187	87	94	—	182	145.05
Peanut	1	70	—	71	102	—	—	69	196.30
Total	335	28,552	2	28,889	21,111	7,204	—	28,315	—
1983[4]									
Soybean	474	23,371	—	23,845	17,500	6,000	—	23,500	210.00
Cottonseed	93	1,012	—	1,105	1,044	1	—	1,045	200.00
Linseed	5	183	2	190	90	95	—	185	165.00
Peanut	2	80	—	82	78	—	—	78	215.00
Total	574	24,646	2	25,222	18,712	6,096	—	24,808	—

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[1] Stocks at processing mills. [2] Soybean meal, 44% protein, bulk Decatur. Cottonseed meal, 41% protein, bulk Memphis. Peanut meal, 50% protein, southeast milling points. [3] Less than 500 tons. [4] Forecast. Source: U.S. Department of Agriculture, Agriculture Stabilization & Conservation Service, Analysis Division.

WORLD FATS & OILS PRODUCTION
1975/76 - 1983/84[1]
(In 1,000 Metric Tons)

	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83[3]	1983-84[4]
EDIBLE VEG. OILS									
SOYBEAN	10,168	8,838	10,854	11,704	13,237	12,796	13,013	13,520	12,966
COTTONSEED	2,767	2,812	3,182	2,988	3,145	3,228	3,456	3,335	3,296
PEANUT	3,594	3,192	3,083	3,301	3,108	2,866	3,709	3,383	3,499
SUNFLOWER	3,669	3,737	4,719	4,670	5,010	4,726	5,138	5,341	5,885
RAPESEED	2,964	2,485	2,683	3,662	3,365	4,042	4,614	5,386	5,177
SESAME[5]	630	598	610	—	—	—	—	—	—
SAFFLOWER[5]	329	217	275	—	—	—	—	—	—
OLIVE	1,806	1,334	1,591	1,582	1,599	1,921	1,252	2,196	1,281
CORN[5]	408	410	460	—	—	—	—	—	—
COCONUT	3,393	3,118	3,304	2,803	2,637	2,902	2,851	2,577	2,550
PALM KERNEL	503	546	560	634	578	578	698	745	817
PALM	3,050	3,371	3,713	4,268	4,829	5,170	5,969	5,580	6,479
BABASSU[5]	122	132	143	—	—	—	—	—	—
TOTAL	33,403	30,790	35,177	35,612	37,508	38,229	40,700	42,563	41,950
INDUSTRIAL OILS									
LINSEED[2]	737	684	907	736	914	714	714	870	734
CASTOR[5]	301	287	327	—	—	—	—	—	—
OITICICA[5]	15	14	14	—	—	—	—	—	—
TUNG[5]	111	100	95	—	—	—	—	—	—
OLIVE RES.	186	153	172	—	—	—	—	—	—
TOTAL	1,350	1,238	1,515	736	914	714	714	870	734
ANIMAL FATS									
BUTTER (fat cont.)	4,800	4,944	4,981	4,987	6,195	6,074	6,392	6,895	7,047
LARD[5]	3,380	3,571	3,871	—	—	—	—	—	—
TALLOW GREASE	5,471	5,815	5,527	5,814	6,139	6,269	6,164	6,266	6,279
TOTAL	13,651	14,330	14,379	10,801	12,334	12,343	12,556	13,161	13,326
MARINE OILS									
WHALE[5]	15	15	8	—	—	—	—	—	—
SPERM WHALE[5]	82	64	58	—	—	—	—	—	—
FISH (inc. liver)	983	1,004	1,165	1,198	1,208	1,145	1,300	1,136	1,066
TOTAL	1,080	1,083	1,231	1,198	1,208	1,145	1,300	1,136	1,066
WORLD TOTAL	49,484	47,441	52,302	48,347	51,964	52,431	55,270	57,730	57,076

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[1] Split year includes northern hemisphere crops harvested in the late months of the first year shown combined with southern hemisphere and certain northern hemisphere crops harvested in the early months of the following year. [2] Oilseed meal and oil production calculated from assumed extraction rates applied to that portion of each crop available for crushing and/or export represents potential not actual production. [3] Preliminary. [4] Forecast. [5] Totals for these categories not calculated after 1977-78. Source: FOREIGN AG CIRCULAR (Feb.), U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

PRICES OF U.S. SOY OIL

in Tank Cars at Midwestern Mills
by Month, 1950/51-1982/83

Crop year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Season avg.**
1950-51	14.6	17.1	19.6	20.6	21.1	20.5	20.5	19.5	16.4	14.5	15.4	14.0	17.8
1955-56	10.9	11.0	10.9	11.7	12.8	14.3	14.9	15.3	13.6	12.5	11.4	11.3	12.5
1960-61	9.4	10.2	10.0	10.9	12.2	13.0	13.3	12.7	13.6	10.9	10.9	10.5	11.3
1961-62	10.7	10.4	10.5	10.5	10.2	10.1	9.9	9.3	8.4	8.0	8.2	8.1	9.5
1962-63	8.7	8.6	8.6	8.9	9.2	9.3	9.1	9.2	9.1	9.0	8.3	8.5	8.9
1963-64	9.2	9.1	8.3	8.1	8.0	8.1	7.9	8.4	8.2	8.5	8.8	9.7	8.5
1964-65	10.9	12.2	12.0	11.6	12.1	12.2	12.1	10.4	10.2	10.0	10.5	11.4	11.3
1965-66	11.5	11.2	11.2	11.9	12.0	11.3	11.6	11.3	11.2	12.3	14.1	12.3	11.8
1966-67	10.9	10.8	10.6	10.3	10.3	10.3	10.3	10.3	9.8	9.1	9.6	9.3	10.1
1967-68	8.8	8.6	8.6	8.7	9.5	9.1	8.8	8.7	7.8	7.4	7.5	7.5	8.4
1968-69	7.3	7.9	8.1	8.6	8.9	8.8	8.4	8.4	7.8	8.2	8.9	9.7	8.4
1969-70	10.6	10.9	9.6	9.6	11.5	12.2	12.2	11.3	11.1	11.5	11.6	12.1	11.2
1970-71	14.0	13.9	12.4	12.3	12.1	12.2	11.2	11.4	12.8	14.5	14.5	12.8	12.8
1971-72	13.2	12.5	11.7	10.9	11.0	11.7	11.9	11.4	10.7	10.3	10.1	9.8	11.3
1972-73	9.6	9.6	9.7	10.1	13.0	13.9	15.0	17.1	19.3	22.4	33.5	24.3	16.5
1973-74	23.1	20.4	26.0	28.6	36.4	30.2	28.2	29.4	31.6	40.5	43.3	40.7	31.5
1974-75	42.3	40.4	38.0	33.6	29.4	29.1	28.2	23.6	23.3	27.5	28.5	24.4	30.7
1975-76	21.4	18.9	16.8	16.2	16.3	16.6	16.3	15.8	17.6	20.9	20.4	22.5	18.3
1976-77	20.7	21.8	21.0	20.9	22.4	26.5	29.6	31.3	28.3	23.8	21.1	19.2	23.9
1977-78	18.8	21.0	22.6	20.9	21.6	26.6	26.8	28.8	26.9	25.9	26.3	27.8	24.5
1978-79	26.7	23.7	25.3	25.8	27.3	26.9	26.7	27.8	27.4	29.1	29.2	30.0	27.2
1979-80	27.9	27.8	26.2	23.6	23.4	22.1	20.3	20.8	21.6	26.2	25.9	26.1	24.3
1980-81	25.1	26.7	23.7	23.0	22.0	23.1	23.4	21.6	21.3	22.8	20.8	19.4	22.7
1981-82	19.7	19.9	18.9	18.4	18.2	18.5	19.7	20.6	19.4	19.0	17.9	17.4	19.0
1982-83	17.4	17.6	16.6	16.4	17.3	17.7	19.3	19.8	19.4	21.6	30.2	34.3	20.6
1983-84	30.7	28.1	27.4	28.3	27.2								

**Simple average for months shown.
Source: Marketing Research Service, U.S.Department of Agriculture. Monthly prices, Oct. 1938-Dec. 1952 compiled from THE NATIONAL PROVISIONER; since February 1953, from OIL PAINT AND DRUG REPORTER. June 1969-Nov. 1978 monthly prices compiled from Chicago, cash prices in WALL STREET JOURNAL. Beginning Dec. 1978 monthly prices' source, OIL CROPS OUTLOOK AND SITUATION REPORT (Feb.), U.S. Department of Agriculture, Economic Research Service.

U.S. SOY OIL UTILIZATION

1960 - 1983 (Million Pounds)

Year Beginning October	Food					Nonfood						Total Domestic Utili-zation
	Shortening	Margarine	Cooking and Salad Oils[1]	Other Edible	Total	Paint and Varnish	Resins and Plastics	Other Drying Oil Products	Fatty Acids	Other Inedible[2]	Total	
1960	1,097	1,073	793	26	2,989	96	64	4	6	30	201	3,190
1961	1,353	1,036	771	20	3,180	88	74	4	—	43	208	3,388
1962	1,222	1,069	933	15	3,239	90	78	6	1	47	222	3,461
1963	1,391	1,126	1,146	21	3,684	94	84	6	—	42	228	3,912
1964	1,404	1,107	1,100	32	3,643	94	105	5	12	45	261	3,904
1965	1,739	1,241	1,200	38	4,218	100	104	6	—	53	263	4,481
1966	1,691	1,273	1,353	58	4,375	96	97	7	—	61	261	4,636
1967	1,816	1,234	1,494	44	4,588	86	97	7	—	59	249	4,837
1968	1,978	1,290	1,967	36	5,271	87	94	7	—	61	249	5,520
1969	2,255	1,415	2,150	37	5,857	94	79	7	1	47	228	6,085
1970	2,077	1,381	2,288	34	5,780	82	65	6	3	49	205	5,985
1971	2,089	1,413	2,469	38	6,009	81	55	4	6	34	180	6,189
1972	2,230	1,491	2,469	39	6,229	81	57	4	9	35	186	6,415
1973	2,321	1,513	2,884	30	6,748	91	77	5	12	43	228	6,976
1974	1,882	1,486	2,680	22	6,070	83	58	3	16	28	188	6,258
1975	2,416	1,691	3,274	24	7,405	94	66	3	23	21	207	7,612
1976	2,189	1,568	3,221	25	7,003	85	83	4	26	32	230	7,233
1977	2,433	1,592	3,808	29	7,862	87	79	4	42	29	241	8,103
1978	2,653	1,651	3,956	38	8,298	75	88	NA	35	46	244	8,542
1979	2,658	1,648	4,153	35	8,493	52	80	NA	21	52	205	8,698
1980	2,675	1,666	4,226	43	8,610	46	71	NA	23	63	202	8,813
1981	2,990	1,723	4,367	51	9,131	39	94	NA	22	49	203	9,334
1982[3]	2,944	1,615	4,668	58	9,284	38	96	NA	16	55	205	9,489

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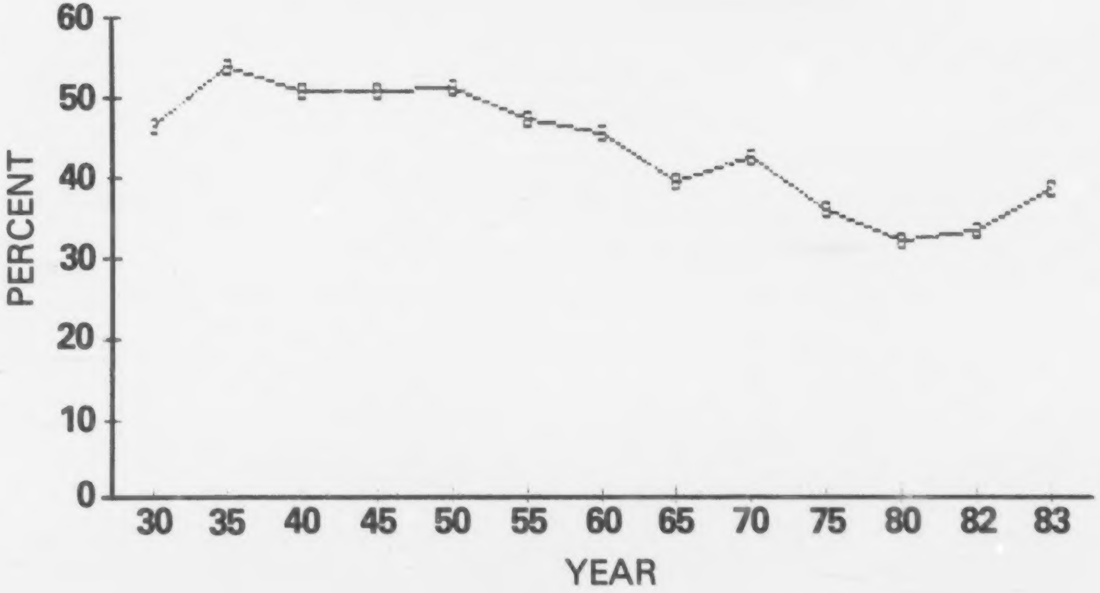
[1] Adjusted for exports of refined and further processed salad oil. Prior to January 1965 no adjustment made for exports of undeodorized hydrogenated oil. [2] Includes soap and other miscellaneous. [3] Preliminary.

Sources: OIL CROPS OUTLOOK & SITUATION REPORT (Feb.), U.S. Department of Agriculture, Economic Reserarch Service. FATS & OILS, PRODUCTION, CONSUMPTION & STOCKS, Bureau of Census.

U.S. SOYBEAN OIL VALUE AS PERCENT OF TOTAL SOYBEAN VALUE



U.S. SOY OIL: SUPPLY, DISPOSITION AND PRICE

1960 - 1983

Year Beginning October	Supply				Disappearance			Price Per Pound
	Production	Imports (Million Pounds)	Stocks October 1	Total	Exports	Domestic (Million Pounds)	Total	(Tank Cars) Crude, Decatur (Cents)
1960	4,420	—	308	5,456	700[1]	3,329	4,029	11.3
1961	4,790	—	677	5,467	1,308[1]	3,540	4,848	9.5
1962	5,091	—	618	5,709	1,165[1]	3,624	4,789	8.9
1963	4,822	—	920	5,742	1,106[1]	4,058	5,164	8.5
1964	5,146	—	578	5,724	1,340[1]	4,069	5,409	11.3
1965	5,800	—	297	6,097	923	4,687	5,635	11.8
1966	6,076	—[2]	462	6,538	1,077	4,837	5,942	10.1
1967	6,032	—	596	6,628	963	5,096	6,089	8.4
1968	6,531	—[2]	540	7,071	870	5,756	6,655	8.4
1969	7,904	—	415	8,319	1,420	6,328	7,777	11.2
1970	8,265	—	543	8,808	1,742	6,253	8,035	12.8
1971	7,892	—[2]	773	8,665	1,398	6,439	7,879	11.3
1972	7,501	—[2]	785	8,286	1,066	6,685	7,771	16.5
1973	8,995	—[2]	516	9,511	1,435	7,255	8,716	31.5
1974	7,375	—	794	8,169	1,028	6,518	7,608	30.7
1975	9,630	—	561	10,191	976	7,906	8,940	18.3
1976	8,578	—	1,251	9,829	1,547	7,454	9,061	23.9
1977	10,288	—	771	11,059	2,057	8,273	10,410	24.6
1978	11,323	—	729	12,052	2,334	8,942	11,353	27.2
1979	12,105	—	776	12,881	2,690	8,981	11,722	24.3
1980	11,270	—	1,210	12,480	1,631	9,113	[illegible],744	22.7
1981	10,979	—	1,736	12,715	2,077	9,535	11,612	19.0
1982	12,040	—	1,103	13,143	1,900	9,850	11,750	20.6
1383[3]	10,879	—	1,261	12,140	1,650	9,550	11,200	26.5-30.5

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[1] Includes estimates of foreign donations of fats and oils, not reported by census, 1960-64. [2] Less than 500,000 pounds. [3] Estimated. Source: OIL CROPS OUTLOOK AND SITUATION REPORT (Feb.); U.S. Department of Agriculture, Economic Research Service.

U.S. EXPORTS OF SOYBEANS

By Month, (Million Bushels)
1953 - 1983

Year	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Total
1953	1.1	5.8	10.1	7.7	3.7	2.5	1.7	3.2	1.6	1.0	1.0	.7	40.1
1955	4.0	8.8	13.2	12.7	6.8	2.6	1.9	5.1	4.3	3.7	3.7	1.7	68.6
1960	8.2	14.1	22.7	20.6	9.1	10.2	8.5	7.7	11.4	7.7	7.7	7.0	134.7
1961	3.6	20.7	23.6	16.5	10.9	10.3	11.0	11.7	12.7	11.9	8.1	8.4	149.4
1962	7.3	22.4	27.4	[illegible]	3.7	19.3	14.4	14.1	11.6	15.6	14.3	11.8	180.5
1963	7.2	19.8	21.3	21.8	17.0	16.2	13.6	17.6	14.0	13.0	11.9	13.7	187.2
1964	11.1	29.5	27.4	24.4	2.9	11.3	25.0	17.6	17.8	16.1	17.4	11.7	212.2
1965	4.8	32.3	39.4	31.4	19.6	17.1	21.6	20.2	21.5	19.6	12.1	11.1	250.6
1966	5.5	29.4	40.6	29.8	21.9	20.4	17.5	21.7	21.8	20.0	16.8	16.2	261.6
1967	10.3	29.7	39.9	27.2	21.8	18.8	24.1	21.6	20.1	18.7	17.1	17.5	266.6
1968	13.9	32.8	50.0	38.5	1.2	11.4	36.6	34.3	23.8	14.0	18.2	12.1	286.8
1969	13.3	52.5	53.7	39.9	28.7	31.6	39.2	41.2	37.1	38.5	25.2	31.6	432.6
1970	29.9	44.0	45.3	46.9	35.1	33.0	35.1	32.8	30.2	34.9	34.4	31.3	433.8
1971	29.2	29.4	47.4	50.3	42.4	35.5	31.3	37.3	31.7	31.1	26.3	24.9	416.8
1972	15.0	54.3	61.2	49.1	47.7	54.7	59.1	45.5	41.0	26.5	14.2	11.0	479.4
1973	7.5	46.6	74.4	58.0	48.3	56.4	57.9	62.0	43.5	36.1	27.1	21.2	539.1
1974	22.9	32.2	63.2	41.4	50.0	33.3	38.4	35.8	25.1	14.0	31.0	33.4	420.7
1975	24.3	62.7	61.5	49.6	51.8	52.2	52.3	50.5	49.5	47.2	29.2	24.3	555.1
1976	22.2	60.1	67.4	56.7	50.9	59.9	58.4	57.0	55.1	31.0	27.2	18.1	564.1
1977	15.0	77.6	87.7	57.0	52.6	54.4	66.6	72.7	79.3	63.4	34.7	39.3	700.3
1978	38.0	87.5	101.7	70.6	77.0	53.2	83.6	67.8	47.0	41.0	32.7	39.7	739.8*
1979	40.8	88.8	118.1	78.3	85.8	73.0	69.3	81.3	74.2	58.7	49.1	57.7	875.1
1980	41.4	60.3	75.0	74.5	71.7	55.5	103.2	60.0	69.6	41.8	29.6	41.8	724.3
1981	50.9	100.8	103.7	73.6	84.3	89.4	79.0	85.7	90.6	59.8	53.8	57.5	929.1
1982	58.0	94.4	93.6	90.1	86.3	87.2	84.4	73.3	58.5	67.7	51.6	60.2	905.2
1983	53.9	67.6	69.2	74.8	84.4								

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*Bureau of Census figure. USDA figure 753., based on inspections for export. Figures may be adjusted in the future. Source: OIL CROPS OUTLOOK AND SITUATION REPORT (Feb.); U.S. Department of Agriculture, Economic Research Service.

U.S. SOYBEAN EXPORTS BY PORT AND COUNTRY OF DESTINATION

September 1982 - August 1983 (1,000 Bushels)

Country	St. Lawr. Swy.	Lakes	Atlantic	Gulf	Pacific	Interior	Total
Australia	—	—	—	1,708	—	—	1,708
Belgium	—	—	1,855	44,924	—	—	46,779
Brazil	—	—	—	1,388	—	—	1,388
Canada	—	10,080	—	—	—	—	10,080
Chile	—	—	—	—	970	—	970
China (P.R.C.)	—	—	—	586	—	—	586
China (Taiwan)	—	—	4,091	30,449	7,010	—	41,550
Colombia	—	—	—	2,371	—	—	2,371
Denmark	—	—	506	4,835	—	—	5,341
Dominican Rep.	—	—	—	1,120	—	—	1,120
Ecuador	—	—	—	920	—	—	920
Egypt	356	—	578	624	—	—	1,558
France	1,782	2,610	5,811	19,499	—	—	29,702
Germany, Fed Republic	—	—	—	53,532	—	—	53,532
Greece	—	—	2,092	8,952	—	—	11,044
Haiti	—	—	—	1,453	—	—	1,453
Honduras	—	—	—	434	—	—	434
Indonesia	265	—	926	6,955	7,798	—	15,944
Israel	1,477	—	3,416	11,157	—	—	16,050
Italy	—	—	2,156	41,597	—	—	43,753
Jamaica	—	—	—	2,740	—	—	2,740
Japan	1,245	2,127	18,945	142,559	5,486	—	170,362
Korea, Republic	—	—	—	22,030	4,032	—	26,062
Kuwait	—	—	332	325	—	—	657
Lebanon	—	280	86	519	—	—	885
Malaysia	—	—	—	2,007	880	—	2,887
Mexico	—	—	—	21,563	1,563	5,696	28,822
Morocco	—	303	266	—	—	—	569
Netherlands	—	606	1,402	173,969	—	—	175,977
Nicaragua	—	—	—	764	—	—	764
Nigeria	—	—	—	18	—	—	18
Norway	—	—	—	11,167	—	—	11,167
Panama	—	—	—	254	—	—	254
Peru	—	—	—	309	—	—	309
Philippines	—	—	—	1,123	—	—	1,123
Poland	254	574	2,222	4,097	—	—	7,147
Portugal	—	563	13,355	13,182	—	—	27,100
Rep. South Africa	—	—	—	110	—	—	110
Romania	—	—	4,018	7,088	—	—	11,106
Sierra Leone	—	—	—	118	—	—	118
Singapore	—	—	—	721	—	—	721
So. Pac. Is.	—	—	—	365	—	—	365
Spain	4,971	6,219	15,726	61,061	—	—	87,977
Sweden	—	—	—	239	—	—	239
Tunisia	—	610	—	—	—	—	610
United Kingdom	364	2,163	14,568	3,992	—	—	21,087
USSR	—	—	1,320	5,215	763	—	7,298
Venezuela	—	—	—	2,301	—	—	2,301
Yugoslavia	—	—	—	9,588	—	—	9,588
Totals:							
Sep. 82-Aug. 83	10,714	26,135	93,671	719,928	28,502	5,696	884,646
Sep. 81-Aug. 82	18,873	31,916	88,819	748,248	29,229	2,624	919,709

The quantity of grain inspected in the U.S. for shipment to Canada is reduced by the amount of U.S. grains exported from St. Lawr. Swy. as reported by Canadian Grain Commission. It is assumed this residual amount of grain is held in Canada for later export or consumption.
Source: Canadian Grain Commission and Federal Grain Inspection Service.

U.S. EXPORTS
SOYBEANS, OIL AND MEAL

Volume of Exports by Country of Destination (in metric tons) and Total Value

Continent and Country of Destination	Soybeans			Soybean oil[1]			Soybean oilseed cake and meal[2]		
	1981	1982	1983[3]	1981	1982	1983[3]	1981	1982	1983[3]
North America:									
Canada	282,001	317,030	235,477	5,957	5,555	7470	338,500	359,262	393,280
Mexico	664,604	287,302	942,536	2,540	106,792	684	117,669	38,540	168,706
Other	129,130	173,842	169,894	92,743	92,261	70,128	205,759	180,776	199,745
Total	1,075,735	778,174	1,347,907	101,240	204,608	78,282	661,928	578,578	761,731
South America:									
Brazil	77,500	202,649	0	0	6,006	0	0	0	0
Colombia	16,062	80,925	94,659	69,305	76,975	46,079	7,703	24,889	12,065
Ecuador	7,635	16,163	40,094	41,622	37,092	45,568	0	0	2,632
Peru	6,237	700	8,400	54,838	38,565	72,615	19,182	24,574	8,483
Venezuela	50,245	79,234	54,501	53,572	47,343	42,603	399,150	474,712	506,920
Other	226	723	36	22,941	3,852	3,058	14,926	17,670	11,105
Total	157,905	380,394	197,690	242,278	209,833	209,923	440,961	541,845	540,605
Europe:									
Belgium & Luxembourg	1,041,369	1,404,710	1,110,907	3	0	0	34,390	18,371	6,042
Czechoslovakia	0	12,747	0	0	0	0	20,950	76,381	34,013
Denmark	165,868	142,883	157,520	1	0	0	10	3,500	0
France	628,227	848,381	515,273	0	0	1	27,291	37,793	3,674
Germany, Fed. Rep. of	2,024,493	2,044,149	1,610,693	86	274	510	738,182	739,613	1,340,333
Germany, Dem. R.	813	0	0	0	0	0	207,906	120,862	79,244
Greece	184,352	218,897	264,190	19	0	0	953	6,593	1,200
Ireland	0	0	0	0	0	0	2,810	24,450	11,412
Italy	961,009	906,225	594,616	11	25	7	756,005	1,032,311	811,149
Netherlands	4,393,546	5,111,557	3,788,697	1,019	0	0	1,853,723	2,041,019	1,812,705
Norway	261,016	344,631	293,555	18	0	2	233	0	0
Poland	86,851	92,813	193,235	6,997	12,311	10,251	275,406	7,215	155,354
Portugal	298,126	469,504	701,175	0	0	0	225,860	12,600	0
Romania	60,503	243,818	305,113	0	0	0	318,291	56,575	0
Spain	1,910,235	2,968,165	1,938,353	2	0	3	41,437	62,397	77,699
Switzerland	111,366	380,973	548,588	350	2	0	32,942	499	55,526
United Kingdom	518,499	640,061	489,382	33	42	8	69,557	101,275	49,464
Yugoslavia	210,017	189,343	222,593	6,648	15,996	131,996	139,830	95,853	54,928
Other	21,454	62	6,500	27	16	125	247,913	135,014	257,210
Total	12,877,744	16,018,919	12,740,390	15,214	28,666	142,903	4,993,689	4,572,321	4,749,923

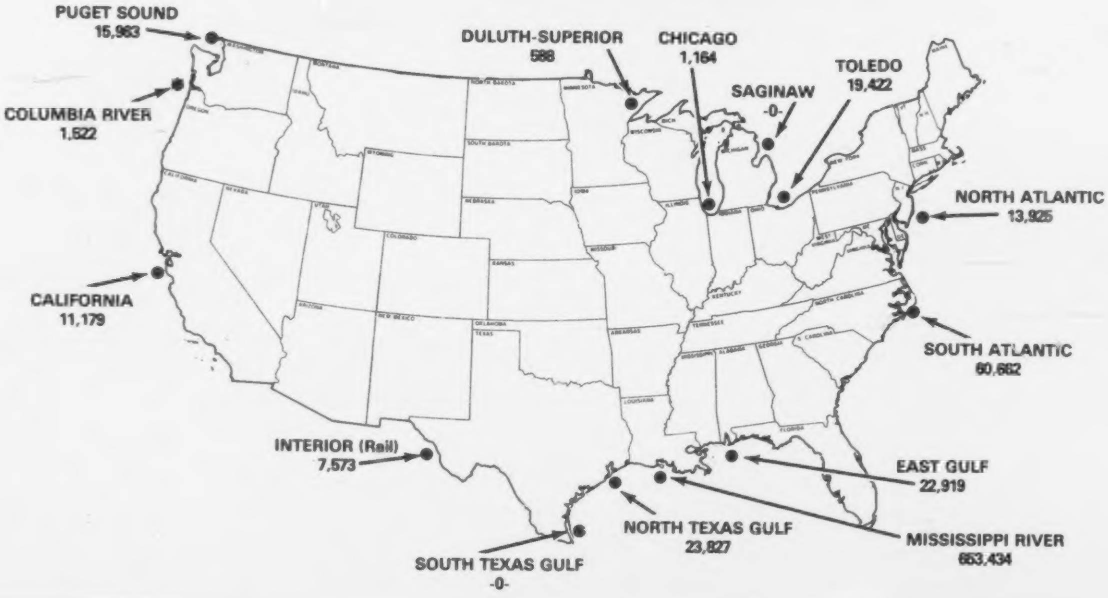
Continent and Country of Destination	Soybeans			Soybean oil[1]			Soybean oilseed cake and meal[2]		
	1981	1982	1983[3]	1981	1982	1983[3]	1981	1982	1983[3]
Soviet Union:	33,747	649,050	560,869	0	0	0	0	0	0
Africa:	22,950	85,761	40,800	62,377	59,371	76,525	29,775	38,743	30,589
Asia:									
China:									
P.R.C.	472,951	245,671	0	25,617	0	0	0	0	0
Taiwan	1,052,796	1,126,536	1,375,002	10	3,201	3,452	386	0	0
India	0	0	0	91,708	35,674	58,715	0	0	0
Indonesia	302,597	384,805	366,029	48	57	51	0	81,452	45,200
Israel	300,354	461,548	436,475	5,030	397	535	50	0	15
Japan	4,001,380	4,067,582	4,550,384	19,701	31,960	3,317	82,134	48,687	33,587
Korea, Rep. of	424,581	588,013	744,617	97	35	55	38,726	69,207	85,153
Pakistan	0	0	0	181,680	273,636	164,621	0	4,999	0
Other	213,783	226,430	176,646	47,212	56,074	44,324	89,737	248,750	201,020
Total	6,768,442	7,100,585	7,649,153	371,103	401,034	275,070	211,033	453,095	364,975
Australia & Oceania:	21,313	7,008	40,082	26,516	29,346	2,988	7,228	36,158	40,492
Grand Total	21,830,405[4]	25,474,898[4]	22,704,181[4]	818,730	932,857	785,690	6,344,614	6,220,742	6,488,317
	6,186	6,218	5,913	474	486	424	1,589	1,411	1,527

Note: Figures computed from unrounded data.

[1] Crude and refined oil combined as such, excluding partially hydrogenated soybean salad oil. Includes shipments under P.L. 480 as reported by census. [2] Includes soybean flour and meal. [3] Preliminary. [4] Includes Canadian transshipments. Source: Compiled from reports of the U.S. Department of Commerce, U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. Soybean Exports by Port Areas

1983 Calendar Year (thousands of bushels)


PUGET SOUND
15,963
DULUTH-SUPERIOR
588
CHICAGO
1,164
TOLEDO
19,422
SAGINAW
-0-
COLUMBIA RIVER
1,522
NORTH ATLANTIC
13,925
CALIFORNIA
11,179
SOUTH ATLANTIC
60,662
INTERIOR (Rail)
7,573
EAST GULF
22,919
NORTH TEXAS GULF
23,827
MISSISSIPPI RIVER
653,434
SOUTH TEXAS GULF
-0-

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U.S. EXPORTS
SOYBEAN AND COTTONSEED OILS

U.S. Commercial and P.L. 480 Exports

Volume of Exports by Country of Destination (in million pounds), and Total Value[1]

(Year Beginning in October)

		1979/80			1980/81			1981/82			1982/83	
Country of Destination	P.L. 480	Com.[2]	Total	P.L. 480	Com.[2]	Total	P.L. 480	Com.[2]	Total	P.L. 480	Com.[2]	Total
					Million Pounds							
North America												
Canada	—	44	44	—	23	23	—	22	22	—	26	26
Dominican Republic	2	111	113	2	126	128	41	82	123	47	75	121
Haiti	6	45	51	6	43	49	15	5	20	18	27	45
Mexico	—	70	70	—	48	48	—	201	201	2	50	52
Others	—	148	148	10	122	138	43	149	192	4	67	116
Total	8	418	426	18	362	380	99	459	558	116	244	360
South America												
Argentina	—	—	—[3]	—	—	—[3]	—	—	—	—	—	—
Brazil	—	168	168	—	—	—	—	13	13	—	—	—
Chile	1	28	29	2	48	50	1	3	4	—	—	—
Colombia	—[3]	182	182	—	133	133	—	170	170	—	—	154
Ecuador	—[3]	78	78	1	84	85	1	79	80	—[3]	110	111
Peru	7	73	80	10	81	91	10	94	104	26	129	155
Venezuela	—	181	181	—	358	358	—	295	295	—	286	286
Others	—	3	3	—	8	8	4	—	4	—	27	27
Total	8	713	721	13	712	725	16	654	670	26	707	734
Western Europe												
Spain	—	—[3]	—[3]	—	2	2	—	—	—	—	—	—
Sweden	—	1	1	—	—[3]	—[3]	—	—	—	—	3	3
Germany, West	—	—[3]	—[3]	—	—[3]	—[3]	—	6	6	—	7	7
Netherlands	—	27	27	—	18	18	—	22	22	—	11	11
Greece	—	9	9	—	10	10	—	—	—	—	—	—
Italy	—[3]	—[3]	—	—[3]	—[3]	—	—	—	—	—	—	—
Belgium-Luxembourg	—	—[3]	—[3]	—	—[3]	—[3]	—	—	—	—	—	—
United Kingdom	—	1	1	—	3	3	—	9	9	—	—[3]	—[3]
Others	—	7	7	—	—	—	—	—	—	—	—	—
Total	—	45	45	—	33	33	—	37	37	—	22	22
Eastern Europe												
Poland	—	8	8	—	34	34	14	8	22	24	—	24
Yugoslavia	—	—	—	—	59	59	—	35	35	—	291	291
Others	—	54	54[4]	—	2	2	—	—	—	—	—	—
Total	—	62	62[4]	—	95	95	14	43	57	24	287	311
Africa												
Algeria	—	—	—[3]	—	—	—	—	—	—	—	—	—
Egypt	12	347	359	8	166	174	13	346	359	9	145	154
Guinea	—	—	—[3]	—	3	3	—	—	—	—	—	—[3]
Morocco	5	—	5	10	1	11	6	16	22	8	12	20
Tunisia	1	—	1	4	—	4	—[3]	—	—	13	1	14
Others	—	96	96	8	91	99	72	49	121	104	23	127
Total	18	443	461	30	261	291	91	411	502	135	180	215
Asia and Oceania												
Australia	—	36	36	—	36	36	—	51	51	—	11	11
Bangladesh	—	46	46	1	55	56	55	20	75	50	2	52
Burma	—	—	—	—	—	—	—	—	—	—	—	—
China:												
P.R.C.	—	220	220	—	56	56	—	—	—	—	—	—
Taiwan	—	—	—	—	—[3]	—[3]	—	4	4	—	10	10
Hong Kong	—	—	—	—	—[3]	—[3]	—	7	7	—	1	1
India	48	895	943	58	138	196	—	150	150	91	30	121
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Israel	—	21	21	—	11	11	—	2	2	—	1	1
Japan	51	—	51	—	101	101	273	187	187	—	88	88
Pakistan	135	190	325	23	254	277	—	303	576	222	300	522
South Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Turkey	—	7	7	—	—	—	—	—	—	—	—	—
Others	54	—	54	8	73	81	45	2	47	14	27	41
Total	288	1,415	1,703	90	724	814	373	726	1,099	377	470	847
Grand Total	322	3,096	3,418	151	2,187	2,338	593	2,330	2,923	678	1,911	2,589
Value of exports												
Total (mil. $)			995			662			709			592
Per Pound (cents)			29.1			28.3			24.2			23.0

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[1] Census data. Breakdown between Public Law 480 (Titles I/III and II) and commercial provided by the Oilseeds and Products Division, FAS. [2] Includes CCC Credit Programs. [3] Less than 500,000 pounds. [4] Includes 54 million pounds to the Soviet Union.

Source: U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. EXPORTS
SOYBEAN and COTTONSEED OILS

U.S. Commercial and P.L. 480 Exports
By Year: 1950 - 1983

Year Beginning October	Commercial				P.L. 480				
	Barter	CCC Credit	Other[1]	Total	Title I[2]	Title II[2]	Total	Grand Total	% P.L.480
	Million Pounds								
	SOY OIL								
1950	—	—	490	490	—	—	—	490	—
1955	—	—	274	274	282	—	282	556	51
1960	—	—	283	283	417	21	438	721	61
1965	[illegible]6	21	182	379	324	220	544	923	59
1966	13[illegible]	47	90	269	522	286	808	1,077	75
1967	67	18	47	132	618	213	831	963	86
1968	75	—	54	129	573	168	741	870	85
1969	444	53	145	642	604	174	778	1,420	55
1970	599	209	131	939	564	239	803	1,742	46
1971	202	273	188	663	394	341	735	1,398	53
1972	98	190	390	678	177	210	387	1,065	36
1973	—	—	1,159	1,159	168	108	276	1,435	19
1974	—	—	884	884	33	111	144	1,028	14
1975	—	—	779	779	182	15	197	976	20
1976	—	—	1,060	1,060	278	210	488	1,548	32
1977	—	—	1,470	1,470	368	219	587	2,057	29
1978	—	—	1,993	1,993	100	241	341	2,334	15
1979	—	203	2,176	2,196	228	266	494	2,690	18
1980	—	186	1,486	1,040	295	296	591	1,631	36
1981	—	340	1,191	1,531	352	194	546	2,077	26
1982[4]	—	345	1,054	1,399	360	266	626	2,025	31
	COTTONSEED OIL								
1950	—	—	57	57	—	—	—	57	—
1955	3	—	306	309	290	6	296	605	49
1960	—	—	287	287	68	14	82	369	22
1965	51	—	154	205	65	2	67	272	25
1966	38	4	33	75	—	1	1	76	1
1967	19	—	28	47	—	2	2	49	4
1968	69	—	68	137	—	2	2	139	1
1969	43	60	348	451	—	1	1	452	—[4]
1970	186	22	153	361	9	1	10	371	3
1971	182	50	214	446	55	1	6	452	1
1972	232	89	255	576	6	—	6	582	1
1973	—	—	563	563	—	—	—	563	—
1974	—	—	685	685	—	—	—	685	—
1975	—	—	507	507	—	—	—	507	—
1976	—	—	690	690	—	—	—	690	—
1977	—	—	758	758	—	—	—	758	—
1978	—	—	650	650	11	—	11	661	2
1979	—	—	710	710	12	—	12	722	2
1980	—	—	706	706	4	—	4	710	1
1981	—	—	826	826	21	—	21	847	2
1982[3]	—	—	529	529	35	—	36	564	6

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[1] Includes dollar financing by AID. [2] Includes all sales programs, i.e., foreign currencies, relief agencies and disaster and other relief by AID. [3] Preliminary. [4] Insignificant. Source: Total exports as reported by Bureau of Census. Breakdown between dollars and P.L. 480 from U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

BRAZILIAN EXPORTS OF SOYBEANS AND PRODUCTS TO MAJOR COUNTRIES

(1,000 MT)

	1976	1977	1978	1979	1980	1981	1982
Soybeans							
European Community	1,436	933	365	376	574	185	18
Other Western Europe	571	625	200	155	770	530	27
Eastern Europe[1]	1,187	552	32	45	118	497	255
Other	445	477	62	62	87	238	201
Total	3,639	2,587	659	638	1,549	1,450	501
Soybean Meal							
European Community	2,502	3,138	3,934	3,418	4,325	5,285	4,347
Other Western Europe	308	316	137	188	141	67	86
Eastern Europe[2]	1,093	1,230	738	982	1,333	2,482	2,306
Other	471	670	610	583	783	1,055	1,061
Total	4,374	5,354	5,419	5,171	6,582	8,889	7,800
Soy Oil							
Bangladesh	6	10	7	0	12	7	0
India		181	183	240	250	561	320
Iran	186	115	105	68	218	228	257
Morocco	26	27	3	6	0	12	36
Pakistan	0	0	85	93	61	53	32
Peo. Rep. of China	6	73	53	46	21	24	25
Peru	26	7	0	—[3]	4	21	9
Tunisia	0	0	0	5	3	—[3]	0
Turkey	8	0	0	0	0	0	3
USSR		1	0	17	32	75	74
Other	240	88	68	59	143	300	93
Total	498	502	504	534	744	1,281	849

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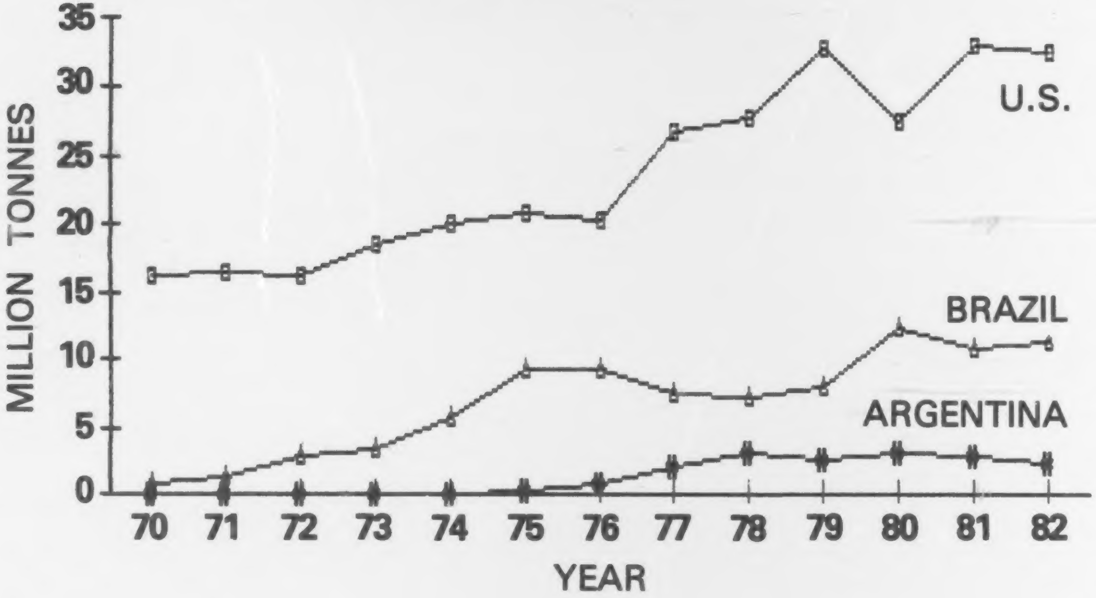
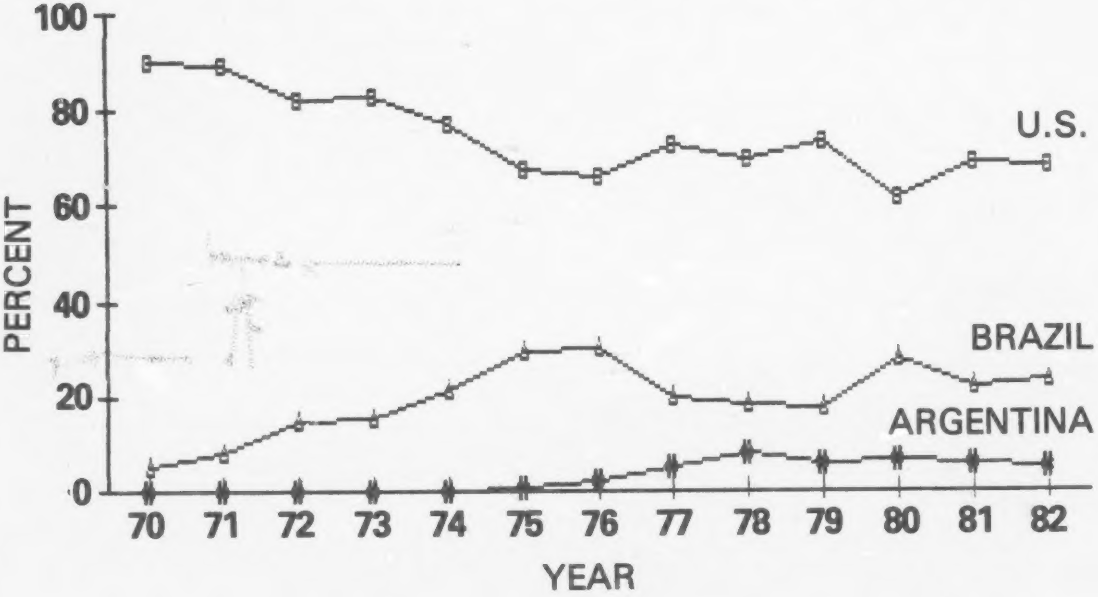
[1] Includes soybean exports to the Soviet Union. [2] Includes soybean meal to the Soviet Union. [3] Less than 500 MT. Source: U.S. Department of Agriculture, Foreign Agriculture Service, Oilseeds and Products Division.

SOYBEAN & PRODUCT EXPORTS BY MAJOR COUNTRIES (SOYBEAN EQUIVALENT)



WORLD SHARE OF SOYBEAN & PRODUCT EXPORTS



U.S. IMPORTS, EXPORTS: OILSEED CAKE AND MEAL

1932-1983

(1,000 Short Tons)

Year Beginning October	IMPORTS						EXPORTS					
	Cotton-seed	Soy-bean	Lin-seed	Pea-nut	Copra	Total	Cotton-seed	Soy-bean	Lin-seed	Pea-nut	Copra	Total
1932	3.0	28.3	11.2	[5]2.3	7.1	51.9	145.8	★	168.0	★	★	313.8
1933	6.0	25.0	8.7	1.2	27.9	67.8	63.1	★	241.7	★	★	304.8
1934	47.4	64.2	10.2	3.5	51.5	176.8	2.9	★	205.5	★	★	208.4
1935	5.7	20.0	17.2	1.9	49.3	94.1	10.6	★	210.6	★	★	221.2
1936	26.8	55.7	15.9	9.6	73.0	181.0	12.6	★	328.8	★	★	341.4
1937	4.6	15.5	5.3	2.2	39.8	67.4	88.5	★	240.3	★	★	328.8
1938	4.4	12.3	7.8	10.5	53.9	88.9	11.6	35.0	286.6	★	★	333.2
1939	33.0	12.1	1.3	9.8	88.4	144.6	4.9	62.3	146.7	★	★	213.9
1940	52.2	8.1	.6	7.5	84.0	152.4	.9	25.4	4.8	★	★	31.1
1941	37.3	0.0	.2	7.1	22.6	67.2	1.1	19.7	11.1	★	★	31.9
1942	46.8	0.0	1.0	4.6	0.0	52.4	1.7	20.9	4.2	.1	.1	27.0
1943	96.3	0.0	2.5	3.6	0.0	102.4	.6	16.1	1.5	.1	.1	18.4
1944	87.4	0.0	10.0	2.5	.1	100.0	—[2]	10.0	.7	.4	.1	11.2
1945	47.6	—[2]	1.2	3.1	1.5	53.4	—[2]	.9	.3	.1	.1	1.4
1946	15.6	0.0	—[2]	1.1	.5	17.2	5.3	141.7	4.6	26.2	5.1	182.9
1947	13.8	0.0	8.8	3.1	7.0	32.7	9.6	95.7	28.5	3.7	0.0	137.5
1948	39.4	3.2	8.1	.9	44.3	95.9	121.7	150.1	54.0	21.1	0.0	346.9
1949	104.8	26.1	4.8	6.2	56.4	198.3	123.6	47.4	6.5	48.9	0.0	226.4
1950	90.7	32.8	1.0	1.1	65.8	191.4	13.2	181.1	29.2	24.0	.3	247.8
1951	201.9	24.1	23.3	5.2	104.2	358.7	35.0	41.8	7.0	2.2	—[2]	86.0
1952	135.6	41.1	26.4	3.5	96.5	303.1	55.2	46.8	—[3]	—[3]	—[2]	102.0
1953	69.8	15.6	.6	.7	79.8	166.5	66.1	66.5	34.2	1.4	★	168.2
1954	32.3	0.0	0.0	0.0	62.8	95.1	167.8	271.7	75.0	1.6	★	516.1
1955	59.4	0.0	0.0	0.0	44.9	104.3	155.7	400.4	152.6	30.0	★	738.7
1956	54.6	.1	2.5	0.0	66.6	123.8	30.1	443.2	42.7	15.0	★	531.0
1957	71.6	1.4	7.9	0.0	67.5	148.4	7.2	300.0	5.9	1.7	★	322.6
1958	127.5	—[2]	4.0	0.0	30.6	162.1	27.3	512.2	31.2	★	★	570.7
1959	32.3	.1	2.1	0.0	8.1	42.6	140.2	648.7	62.6	★	★	851.5
1960	45.8	0.0	2.1	0.0	18.0	65.9	46.2	589.7	30.9	0.0	0.0	666.7
1961	75.5	0.0	2.1	0.0	15.5	93.1	25.8	1063.7	28.1	0.0	0.0	1117.6
1962	42.0	0.0	.7	0.0	8.9	51.6	84.9	1475.7	52.1	0.0	0.0	1612.7
1963	30.1	0.0	.8	0.0	22.9[1]	53.8	54.3	1478.4	61.3	0.0	11.5[1]	1624.2
1964	20.1	0.0	1.2	0.0	13.6[1]	34.9	138.8	2036.1	72.8	0.0	22.6[1]	2270.4
1965	44.4	0.0	1.0	0.0	7.1[1]	52.5	98.8	2601.6	113.7	0.0	53.9[1]	2868.0
1966	58.8	0.0	5.8	0.0	14.8[1]	79.9	7.2	2656.6	93.4	0.0	32.8[1]	2790.1
1967	44.3	0.0	.3	0.0	4.0[1]	48.6	3.3	2899.4	103.7	0.0	81.4[1]	3087.9
1968	29.5	0.0	1.7	0.0	4.0[1]	35.2	15.0	3044.3	78.5	0.0	61.0[1]	3198.9
1969	1.1	0.0	1.9	0.0	6.7[1]	9.7	18.8	4035.3	83.5	0.0	50.5[1]	4188.4
1970	0.0	0.0	1.5	0.0	2.2[1]	3.7	27.0	4559.1	110.1	0.0	76.5[1]	4772.7
1971	.1	0.0	3.0	0.0	10.6[1]	13.7	6.3	3805.4	143.5	0.0	90.3[1]	4045.5
1972	4.3	0.0	2.2	0.0	NA	6.5	24.0	4744.8	142.7	0.0	NA	4911.5
1973	4.6	0.0	13.6	0.0	NA	18.2	69.0	5547.6	106.7	0.0	NA	5723.3
1974	1.0	0.0	0.0	0.0	NA	1.0	11.4	4298.8	143.6	0.0	NA	4453.8
1975	11.4	0.0	0.0	0.0	NA	11.4	24.1	5144.8	143.1	0.0	NA	5312.0
1976	2.0	0.0	1.0	0.0	NA	3.0	50.0	4559.0	87.0	0.0	NA	4696.0
1977	0.0	4.0	4.0	0.0	NA	8.0	115.0	6080.0	158.0	0.0	NA	6353.0
1978	9.0	0.0	2.0	0.0	NA	11.0	150.0	6610.0	118.0	0.0	NA	6878.0
1979	7.0	0.0	2.0	0.0	NA	9.0	175.0	7932.0	76.0	0.0	NA	8183.0
1980	—[3]	0.0	1.0	0.0	NA	1.0	99.0	6784.0	142.0	0.0	NA	7025.0
1981	0.0	0.0	2.0	0.0	NA	2.0	107.0	6908.0	103.0	0.0	NA	7118.0
1982	0.0	0.0	2.0	0.0	NA	2.0	1.0	7109.0	94.0	0.0	NA	7204.0
1983[4]	0.0	0.0	2.0	0.0	NA	2.0	1.0	6000.0	95.0	0.0	NA	6096.0

★ Not separately reported. [5] Calendar year following. [1] Includes copra and other cake and meal no longer separately reported by Census. [2] Less than 50 tons. [3] Less than 500 tons. [4] Forecast.

Source: U.S. Department of Agriculture, Agriculture Stabilization & Conservation Services, Analysis Division.

Glossary

GENERAL TERMS

Soybean(s) – A legume, the botanical name of which is Glycine max (L.) Merrill; a summer annual varying in height from less than a foot to more than 6 feet and in habit of growth from stiffly erect to prostrate; the cultivated plant may reach a height of 3 feet or more. The seeds (soybeans) are borne in pods that grow in clusters of three to five with each pod usually containing two or three or more seeds. The oil content of the soybean varies from 13% to 26% (average 18% to 22%) and from 38% to 45% protein (on a moisture-free basis). Soybeans were grown for centuries in the Orient and first introduced to the United States early in the 19th century. Soybeans grow best in areas having hot, damp summer weather but they can be grown under a great variety of climatic conditions. The term "soybean" has been accepted as standard in the United States in preference to "soya bean," "soy bean," "soya-bean," or "soja bean." It is incorrect to use the term "beans" when referring to soybeans.

Soybean Processor – An individual, or a group of two or more individuals working together as a company or firm, whose primary business is the separation of the oil and meal in soybeans. The activities of a processor may also include refining and/or distribution of the oil as well as distribution of the soybean meal or soy protein.

Soybean Extraction/Processing – The procedures involved in the separation of the oil and the protein meal; also called "crushers" or oil mill operations. There are two types of processes presently used in the United States for this purpose:

(1) **Solvent Extraction** – The process whereby the oil is leached or washed (extracted) from flaked soybeans by the use of hexane as the solvent. The level of oil in the extracted flakes can be reduced to 1% or less by this processing method. The products resulting from the use of this process are designated in the trade as "solvent extracted," e.g. "solvent extracted soybean meal," "dehulled solvent extracted soybean meal," "solvent extracted soy grits," "solvent extracted soy flour." Practically all soybeans processed in the United States are processed by the solvent extraction system.

(2) **Mechanical Processing** – A continuous pressing process, at elevated temperatures, using expellers or screw presses which utilize a worm shaft continuously rotating within a pressing cylinder or cage to express the oil from soybeans after they have been ground and properly conditioned. The oil content of the resulting press cake is reduced to from 4% to 6% by this processing method. Although technically incorrect, the products resulting from this type of processing are often referred to as "expeller," e.g. "expeller soybean meal." (The term "Expeller" applies specifically to the screw press manufactured by Anderson IBEC of Strongsville, Ohio, whereas the screw press manufactured by the French Oil Mill Machinery Co. of Piqua, Ohio, is designated as a "mechanical screw press." .

A third type of processing, called **Hydraulic Pressing**, is not used at present in the United States to any appreciable extent but is used in some parts of the world for recovering the oil from soybeans and other oil-bearing materials. It is the oldest process known to the vegetable oil processing industry. It consists of an intermittent pressing operation carried out at elevated temperatures in a hydraulic press after the soybeans have been rolled into flakes and properly conditioned by heat treatment.

Crude Soy Oil — Sometimes referred to as crude raw soybean oil; the unrefined oil produced by any one of the procedures described for the processing of soybeans. It is customary to filter the oil and/or allow it to settle after being processed from the soybeans as required by the standard trade specifications.

— A mixture of triglycerides composed of unsaturated fatty acids (oleic, linoleic, linolenic) and saturated fatty acids, together with usually not more than 1.5% of free fatty acids and from 1.8% to 3.2% of phospholipids, depending on the quality and kind of soybeans and the procedure used in the processing.

Edible Crude Soy Oil — Soy oil which shall be of any of the following designated types produced from mature yellow soybeans: (1) expeller pressed, (2) expeller pressed degummed, (3) hydraulic pressed, (4) hydraulic pressed degummed, (5) solvent extracted, (6) solvent extracted degummed and (7) mixtures of any of the above-described types. When the oil is produced by solvent extraction, the name of the solvent used in the process must be given.

Degummed Soy Oil — Sometimes referred to as crude degummed soy oil; the product resulting from washing crude soy oil with water and/or steam or another degumming agent for a specified period of time and then separating the oil-and-water mixture, usually by centrifugation, to remove the phosphatides. It shall not contain more than 0.02% of phosphorus without a discount penalty.

Once Refined Soy Oil — Oil produced from crude soy oil which has been subjected only to the dilute alkali solution (refining) treatment or a comparable chemical treatment.

Fully Refined Soy Oil — The oil produced from crude or degummed soy oil which has been treated with dilute alkali solution (refining), decolorized by treatment with absorbent clay materials (bleaching) and subjected to steam distillation at high temperatures under vacuum (deodorizing).

Edible Refined Soy Oil — Crude or degummed soy oil which has been subjected to special refining processes to adapt it specifically for use in food products. In addition to treatment with alkali, bleaching, partial hydrogenation and deodorization, the oils may be also winterized. These oils are further classified as salad oils, cooking oils or shortenings.

Hydrogenated Soy Oil — During the process of hydrogenation, the soy oil is exposed to hydrogen gas in the presence of heat and a catalyst (nickel, copper chromite) and the hydrogen combines with certain of the chemical components (unsaturated fatty acids) of the triglycerides with a resultant increase in the melting point of the oil; sometimes referred to as "hardening."

Cold Pressed Soy Oil — Soy oil produced from undamaged, mature, cleaned yellow soybeans by mechanical processing without application of heat, and then filtered. Such oil is usually sold in health food stores.

Winterized Oil — Oil which has been treated in a manner to partially remove the saturated glycerides which have relatively high melting points and are soluble only to a limited extent in the unsaturated glycerides. The process consists of chilling the oil slowly and then maintaining it at 5 degrees C (41 degrees F) for a specified period of time and removing the crystallized glycerides from the liquid fraction of the oil by the use of filter presses. Soy oil does not require winterizing unless it has been partially hydrogenated to increase stability.

Technical Grade Refined Soy Oil — Includes a wide variety of soy oils that are specially refined and further processed to meet requirements and/or specifications for a definite industrial use.

Soybean Fatty Acids — The product obtained when glycerine is split off from the triglycerides in soy oil by any method of hydrolysis. In the field of industrial usage, soybean fatty acids are usually further classified according to the treatment to which they are subjected subsequent to hydrolysis.

Soybean Soapstock — The byproduct that results from the alkali refining of soy oil; averages about 6% of the volume of crude oil refined. It is sometimes referred to as "foots" since it accumulates at the bottom (foot) of the refining tank. Contract grade should contain not less than 30% total fatty acid.

Acidulated Soybean Soapstock — The product that results from the complete acidulation of soybean soapstock. Contract grade should contain not less than 85% total fatty acid.

Soybean Lecithin — The mixed phospholipids product obtained from soy oil by the degumming process, contains lecithin, cephalin and inositol phosphatides, together with glycerides of soy oil and traces of tocopherols, glucosides and pigments. It is designated and sold according to conventional descriptive grades with respect to consistency and bleaching. The dehydrated emulsion of mixed phosphatides and soy oil is further processed to produce the commercial grades which may be described as follows: plastic or firm consistency; soft consistency; fluid; unbleached; bleached; and double bleached. High-quality commercial lecithin contains 60% to 65% phosphatides.

Break Material — Flocculent material (precipitate) that appears in and can be separated from crude soy oil that has been rapidly heated to temperatures between 250 degrees C and 300 degrees C (482 degrees F and 572 degrees F). It is very high in ash content, rich in phosphorus, calcium and magnesium. It is presumed to be derived from phospholipids which are thermally decomposed at these high temperatures. Break material is sometimes referred to as "foots."

Sludge — The solid residue which settles to the bottom of the tank or car in which crude soy oil is stored or shipped. It cannot be pumped out or removed by rubber-faced scrapers from the surface to which it adheres; steam must be applied to facilitate its removal. It is sometimes referred to as "tank bottoms" or "foots."

SOY PROTEIN TERMS

Protein — A naturally occurring combination of amino acids, containing carbon, hydrogen, oxygen, nitrogen and usually sulphur. Protein is one of the essential constituents of all living things and of the diet of animal organisms.

Amino Acids — Chief components and determinants of the characteristics of a protein; the building blocks of living tissues. Eighteen different amino acids commonly occur in our food supply and eight are considered essential because the body cannot make them.

Soy Grits and/or Flour — The ground, screened, graded product obtained after extracting most of the oil from selected, sound, clean, dehulled soybeans. They are produced from grinding the defatted soy flakes. Grits are coarser ground than soy flour. Protein range is 40% to 60%.

Defatted Soy Flour — Flour produced by the nearly complete removal of the oil from soybeans by the use of hexane or other homologous hydrocarbon solvents; usually contains about 1% of fat.

Low-fat Soy Flour — Flour produced either by partial removal of the oil from soybeans or by adding back soy oil and/or lecithin to defatted soy flour to a specified level, usually in the range of 5% to 6%.

High-fat Soy Flour — Flour produced by adding back soy oil and/or lecithin to defatted soy flour to a specified level, usually in the range of 15%.

Full-fat Soy Flour — Flour containing all of the oil originally present in the raw soybeans; usually 18% to 20%.

Standards and Specifications

NSPA, AAFCO and IFN

These standards have been adopted for certain soy products by the National Soybean Processors' Association (NSPA), Association of American Feed Control Officials (AAFCO), and the International Feed Numbers (IFN) specifications, and made a part of their trading rules governing purchase and sale of soybean meal in the United States:

Soybean Cake, Soybean Chips, Expeller Soybean Meal—The product after the extraction of part of the oil by pressure or solvents from soybeans. A name descriptive of the process of manufacture, such as expeller, hydraulic or solvent extracted, shall be used as part of the brand name. It shall be designated and sold according to its protein content.

Protein	Minimum	41.0%
Fat	Minimum	3.5%
Fiber	Maximum	6.5%
Moisture	Maximum	12.0%

Urease Activity-Range (as increase in pH)[1] 0.05-0.20[2]

Bulk Density Range: 36 to 40 pounds/cubic foot.

Screen Analysis: 95-100% through U.S. Screen #10. 40-60% through U.S. Screen #20. Maximum 6.0% through U.S. Screen #80.

Performance Criteria	Minimum	Maximum
P.D.I. and/or N.S.I.[3]	15.0%	30.0%
P.E.R. (Protein Efficiency Ratio)[4]	2.3	–
Chick Weights – 4 weeks: in grams[5]	500.0	–

Soybean Flakes, 44% Protein Soybean Meal—44% Soybean Meal is produced by cracking, heating and flaking soybeans and reducing the oil content of the conditioned product by the use of hexane or homologous hydrocarbon solvents to 1% or less on a commercial basis. The extracted flakes are cooked and ground into meal. The meal will not contain viable weed seeds. The meal may contain a nontoxic conditioning agent to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient on the label.

Protein	Minimum	44.0%
Fat	Minimum	0.5%
Fiber	Maximum	7.0%
Moisture	Maximum	12.0%

Urease Activity-Range (as increase in pH)[1] 0.05-0.20[2]

Bulk Density Range: 35 to 38 pounds/cubic foot.

Screen Analysis: 95-100% through U.S. Screen #10. 40-60% through U.S. Screen #20. Maximum 6.0% through U.S. Screen #80.

Performance Criteria	Minimum	Maximum
P.D.I. and/or N.S.I.[3]	15.0%	30.0%
P.E.R. (Protein Efficiency Ratio)[4]	2.3	–
Chick Weights – 4 weeks: in grams[5]	500.0	–

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[1] Urease Activity, A.O.C.S. Tentative Method Ba 9-58.

[2] If the soybean meal is to be used in a mixture containing a significant level of soy (20% or more), 5% or more of urea and 20% or more of molasses, or if a similar soya-urea mixture is to be exposed to hot, humid storage conditions, then it is advisable that the urease activity of the soybean meal does not exceed 0.12 increase in pH.

[3] P.D.I.—Protein Dispersibility Index, AOCS Tentative Method Ba 10-65, or N.S.I.—Nitrogen Solubility Index, AOCS Tentative Method Ba 11-65.

[4] P.E.R.—Protein Efficiency Ratio: Biological Evaluation of Protein Quality Official Methods, AOAC 11th Edition.

[5] Using a medium energy "Carrick" type of corn-soy diet.

Dehulled Soybean Meal—Dehulled soybean meal is produced by cracking, dehulling, heating and flaking soybeans and reducing the oil content of the conditioned product by the use of hexane or homologous hydrocarbon solvents to 1% or less on a commercial basis. The extracted flakes are cooked and ground into meal. The meal will not contain viable weed seeds. The meal may contain a nontoxic conditioning agent to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient on the label.

Protein	Minimum	48-50%
Fat	Minimum	0.5%
Fiber	Maximum	3.0-3.5%
Moisture	Maximum	12.0%
Urease Activity-Range (as increase in pH)[1]		0.05-0.20[2]

Bulk Density Range
41 to 42 pounds/cubic foot.

Screen Analysis
95-100% through U.S. Screen #10. 40-60% through U.S. Screen #20. Maximum 6.0% through U.S. Screen #80.

Performance Criteria	Minimum	Maximum
P.D.I. and/or N.S.I.[3]	15.0%	30.0%
P.E.R. (Protein Efficiency Ratio)[4]	2.4	—
Chick Weights—4 weeks: in grams[5]	600.0	—

Soybean Mill Feed and Soybean Mill Run—Two products are involved with somewhat different analysis. The type of product available depends on where the hulls are removed in the extraction process.

Soybean mill feed is produced by allowing the hulls to go through the extraction process with the meal. At the end they are removed by air aspiration. The process leaves some soybean meal and soybean flour with the hulls. Soybean mill feed is then composed of soybean hulls and the offal from the tail of the mill in the manufacture of soy flour or grits.

Soy mill run is produced by removing the hulls in the beginning of the extraction process. It is composed of soybean hulls and such soybean meal as adheres to the hulls in the normal milling operations in the production of dehulled soybean meal

	Soybean Mill Feed	Soybean Mill Run
Crude Protein	13-15%	10-12%
Crude Fat	1-2%	1-2%
Crude Fiber	32-34%	35-40%
Moisture	9-11%	9-11%

Bulk Density
25 to 27 pounds/cubic foot.

Screen Analysis
95-100% through U.S. Screen #10. 40-60% through U.S. Screen #20 and a maximum 6% through U.S. Screen #80.

[1] Urease Activity, A.O.C.S. Tentative Method Ba 9-58.

[2] If the soybean meal is to be used in a mixture containing a significant level of soy (20% or more), 5% or more of urea and 20% or more of molasses, or if a similar soya-urea mixture is to be exposed to hot, humid storage conditions, then it is advisable that the urease activity of the soybean meal does not exceed 0.12 increase in pH.

[3] P.D.I.—Protein Dispersibility Index, AOCS Tentative Method Ba 10-65, or N.S.I.—Nitrogen Solubility Index, AOCS Tentative Method Ba 11-65.

[4] P.E.R.—Protein Efficiency Ratio: Biological Evaluation of Protein Quality Official Methods, AOAC 11th Edition.

[5] Using a medium energy "Carrick" type of corn-soy diet.

AAFCO

SOY PRODUCTS

The following definitions have been adopted officially by the Association of American Feed Control Officials Inc. (AAFCO):

Ground Soybeans – The product obtained by grinding whole soybeans without cooking or removing any of the oil; sometimes erroneously called "soybean meal." (Adopted 1933.)

Soybean Hulls – The product consisting primarily of the outer covering of the soybean. (Adopted 1948.) (NSPA states that a typical analysis is 13% moisture.)

Solvent Extracted Soybean Feed – The material resulting from the partial removal of protein-free and nitrogen-free extract from dehulled, solvent extracted soybean flakes; it shall be designated and sold according to its protein content. (Adopted 1948. Amended 1960 and 1964.)

Soybean Meal – The product obtained by grinding the cake, chips or flakes which are products obtained by removal of most of the oil from soybeans by several methods, hydraulic, expeller and solvent extracted, respectively; the name must include one of the terms "Hydraulic," "Expeller" or "Solvent Extracted" to indicate the method of manufacture of the source material; heat shall be applied during the process; it may be sold in various physical forms other than "meal," such as "cubes," "pellets," "pea size," "cake," "chips" or "flakes"; it must be designated and sold according to its protein content and shall contain not more than 7% crude fiber. (Proposed 1960. Adopted 1961.)

Dehulled Solvent Extracted Soybean Meal – The product obtained by grinding flakes which are obtained by removing most of the oil from dehulled soybeans; heat shall be applied during the process; it must be designated and sold acording to its protein content and must not contain more than 3% crude fiber. (Proposed 1960, Adopted 1961.) (NSPA states not more than 3.3% fiber, not less than 49% protein and not greater than 0.5% fat.)

Heat Processed Soybeans – The product resulting from heating whole soybeans without removing any of the component parts; it may be ground, pelleted, flaked or powdered; it shall be sold according to its protein content. (Proposed 1960. Adopted 1964.)

Lecithinated Soy Flour – A type of low-fat or high-fat soy flour in which lecithin is added to defatted soy flour to a specified level, usually in a range up to 15%.

Soy Protein Concentrate – Produced from defatted soybean flakes or flour by a process which immobilizes the protein and removes soluble sugars, mineral, etc. Concentrate has a protein content of 70%.

Isolated Soy Protein – Protein which has been greatly concentrated from its native location by chemical or mechanical means. It is produced by extracting white flakes or flour with water or a mild alkali. Isolate generally has a protein content of 90%.

Textured Vegetable Protein – Soy or other vegetable protein that has texture imparted by spinning a fiber and combining the fiber in layers to achieve the desired texture, or by a thermo-plastic extrusion process.

Meat Analogs – Material usually prepared from vegetable protein to resemble specific meats in texture, color and flavor.

Meat Extenders – Use of soy or other vegetable proteins as partial substitutes for meat in processed items such as patties, chili, casseroles, etc.

Toasting – The term commonly but erroneously applied to the processes (moist) of cooking soybean meal, flour or grits by atmospheric or pressure methods for the purpose of increasing the protein efficiency of these soy products or improving their functional properties and/or improving physical texture.

UNITED STATES STANDARDS FOR SOYBEANS*

Revised Effective September 8, 1977

SECTIONS

26.601	Terms defined.
26.602	Principles governing applicaiton of standards.
26.603	Grades, grade requirements and grade designations.
26.901	Interpretation with respect to the term "Distinctly low quality."
26.902	Interpretation with respect to the term "purple mottled or stained."
26.903	Interpretation with respect to the term "Bicolored soybeans."

AUTHORITY

26.601 to 26.603 issued under Sec. 8, 39 Stat. 485; 7 U.S.C. 84. Interpret or apply Sec. 2, 39 Stat. 482, as amended; 7 U.S.C. 74.

§26.601 Terms defined

For the purposes of the United States Standards for Soybeans:

(a) Soybeans. Soybeans shall be any grain which consists of 50% or more of whole or broken soybeans which will not pass readily through an 8/64 sieve and not more than 10.0 percent of other grains for which standards have been established under the United States Grain Standards Act.

(b) Classes. Soybeans shall be divided into the following five classes: yellow soybeans, green soybeans, brown soybeans, black soybeans and mixed soybeans.

(c) Yellow soybeans. Yellow soybeans shall be any soybeans which have yellow or green seed coats and which in cross section are yellow or have a yellow tinge and may include not more than 10.0 percent of soybeans of other classes.

(d) Green soybeans. Green soybeans shall be any soybeans which have green seed coats and which in cross section are green, and may include not more than 10.0 percent of soybeans of other classes.

(e) Brown soybeans. Brown soybeans shall be any soybeans with brown seed coats and may include not more than 10.0 percent of soybeans of other classes.

(f) Black soybeans. Black soybeans shall be any soybeans with black seed coats and may include not more than 10.0 percent of soybeans of other classes.

(g) Mixed soybeans. Mixed soybeans shall be any mixture of soybeans which does not meet the requirements of the classes yellow soybeans, green soybeans, brown soybeans, or black soybeans. Bicolored soybeans shall be classified as mixed soybeans.

(h) Grades. Grades shall be the U.S. numerical grades, U.S. Sample grade, and special grades provided for in § 26.603.

(i) Bicolored soybeans. Bicolored soybeans shall be any soybeans with seed coats of two colors, one of which is black or brown.

(j) Splits. Splits shall be pieces of soybeans that are not damaged.

(k) Damaged kernels. Damaged kernels shall be soybeans and pieces of soybeans which are heat-damaged, sprouted, frosted, badly ground-damaged, badly weather-damaged, moldy, diseased, stink-bug-stung, or otherwise materially damaged. Stink-bug-stung kernels shall be considered damaged kernels at the rate of one-fourth of the actual percentage of the stung kernels.

(l) Heat-damaged kernels. Heat-damaged kernels shall be soybeans and pieces of soybeans which are materially discolored and damaged by heat.

(m) Foreign material. Foreign material shall be all matter, including soybeans and pieces of soybeans, which will pass readily through an 8/64 sieve and all matter other than soybeans remaining on such sieve after sieving.

(n) Stones. Stones shall be concreted earthy or mineral matter and other substances of similar hardness that do not disintegrate readily in water.

(o) 8/64 sieve. An 8/64 sieve shall be a metal sieve 0.032 inch thick perforated with round holes 0.125 (8/64) inch in diameter with approximately 4,736 perforations per square foot.

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*The specifications of these standards shall not excuse failure to comply with the provisions of the Federal Food, Drug, and Cosmetic Act.

§26.602 Principles governing application of standards.

The following principles shall apply in the determination of the classes and grades of soybeans:

(a) Basis of determination. Each determination of class, splits, damaged kernels, and heat-damaged kernels, and of black, brown and/or bicolored soybeans in Yellow or Green Soybeans, shall be upon the basis of the grain when free from foreign material. All other determinations shall be upon the basis of the grain as a whole.

(b) Percentages. All percentages shall be upon the basis of weight. The percentages of splits shall be expressed in terms of whole percents. All other percentages shall be expressed in terms of whole and tenths percents.

(c) Moisture. Moisture shall be ascertained by the air-oven method prescribed by the United States Department of Agriculture, as described in Service and Regulatory Announcement No. 147, issued by the Agricultural Marketing Service, or ascertained by any method which gives equivalent results.

(d) Test weight per bushel. Test weight per bushel shall be the weight per Winchester bushel as determined by the method prescribed by the United States Department of Agriculture, as described in Circular No. 921 issued June 1953, or as determined by any method which gives equivalent results.

§26.603 Grades, grade requirements, and grade designations.

The following grades, grade requirements, and grade designations are applicable under these standards:

Soybeans

(a) Grades and grade requirements for Soybeans. (See also paragraph (c) of this section.)

Grade	Maximum limits of—						
	Minimum test weight per bushel	Moisture	Splits	Damaged kernels		Foreign material	Brown, black and/or bicolored soybeans in yellow or green soybeans
				Total	Heat damaged		
	Pounds	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
U.S. No. 1	56.0	13.0	10.0	2.0	0.2	1.0	1.0
U.S. No. 2	54.0	14.0	20.0	3.0	0.5	2.0	2.0
U.S. No. 3[1]	52.0	16.0	30.0	5.0	1.0	3.0	5.0
U.S. No. 4[2]	49.0	18.0	40.0	8.0	3.0	5.0	10.0
U.S. Sample grade	U.S. Sample grade shall be soybeans which do not meet the requirements for any of the grades from U.S. No. 1 to U.S. No. 4, inclusive; or which are musty, sour, or heating; or which have any commercially objectionable foreign odor; or which contain stones; or which are otherwise of distinctly low quality.						

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[1] Soybeans which are purple mottled or stained shall be graded not higher than U.S. No. 3.

[2] Soybeans which are materially weathered shall be graded not higher than U.S. No. 4.

Grade Designation

(b) Grade designations for soybeans. The grade designations for soybeans shall include in the order named, the letters "U.S."; the number of the grade or the words "Sample grades," as the case may be; the name of the class; and the name of each applicable special grade. In case of mixed soybeans, the grade designation shall also include, following the name of the class, the approximate percentages of yellow, green, brown, black, and bicolored soybeans in the mixture.

(c) Optional grade designations. Soybeans may be certificated (under certain conditions**), when supported by official analysis, as "U.S. No. 2 or better Soybeans," "U.S. No. 3 or better Soybeans," etc. The optional grade designation for soybeans shall include the name of the class immediately preceding the word "soybeans" in the grade designation. The special grade designation, when applicable, also shall be included (under certain conditions**) in the certification.

Special Grades for Soybeans

(d) Special grades, special grade requirements, and special grade designations for soybeans — (1) Garlicky soybeans—(i) **Requirements.** Garlicky soybeans shall be soybeans which contain 5 or more garlic bulblets in 1,000 grams.

(ii) **Grade designation.** Garlicky soybeans shall be graded and designated according to the grade requirements of the standards applicable to such soybeans if they were not garlicky and there shall be added to and made a part of the grade designation the word "garlicky."

(2) **Weevily soybeans**—(i) **Requirements.** Weevily soybeans shall be soybeans which are infested with live weevils or other live insects injurious to stored grain.

(ii) **Grade designation.** Weevily soybeans shall be graded and designated according to the grade requirements of the standards applicable to such soybeans if they were not weevily, and there shall be added to and made a part of the grade designation the word "weavily."

Interpretations (Added)

§26.901 Interpretation with respect to the term "distinctly low quality."

The term "distinctly low quality," when used in the United States Standards for Grain, shall be construed to include grain which contains more than two crotalaria seeds (Crotalaria spp.) in 1,000 grams of grain.

§26.902 Interpretation with respect to the term "purple mottled or stained."

The term "purple mottled or stained," when used in the United States Standards for Soybeans (see § 26.603 (a)) shall be construed to include soybeans which are discolored by the growth of a fungus; or by dirt; or by a dirtlike substance including nontoxic inoculants; or by other nontoxic substances.

§26.903 Interpretation with respect to the term "Bicolored soybeans."

The term "bicolored soybeans," when used in the United States Standards for Soybeans (see § 26.601 (i)), shall be construed to include any soybeans with seed coats of two colors, one of which is black or brown, when the black and/or brown color covers 50 percent or more of the seed coat. The hilum of a soybean shall not be considered a part of the seed coat.

**The conditions are listed in the Grain Inspection Manual, GR Instruction 918.6. Copies may be obtained from the Inspection Division, Federal Grain Inspection Service, U.S. Department of Agriculture, 1400 Independence Avenue, S.W., Washington, D.C. 20250.

SOY FLOUR STANDARDS

	Full-fat soy flour	**Low-fat soy flour**	**Defatted soy flour**
Protein (Nx 6.25)*	40.0% Min.	45.0% Min.	50.0% Min.
Protein (Nx 5.7)*	36.5% Min.	41.0% Min.	45.0% Min.
Fat (Ether Extract)*	18.0% Min.	4.5—9.0% Max.	2.0% Max.
Fibre*	3.0% Max.	3.3% Max.	3.5% Max.
Moisture	8.0% Max.	8.0% Max.	8.0% Max.
Ash*	5.5% Max.	6.5% Max.	6.5% Max.

Screen: 97% through No. 100 U.S. Standard Screen for each of the above.
*Moisture free basis.

Definition

The Products shall be processed from high quality, sound, clean, dehulled yellow soybeans as defined in the United States Grain Standards Act. The soybeans shall be subjected to a thorough initial cleaning operation, that shall substantially remove all foreign material. Disagreeable flavors and odors shall be removed by subjecting the soy material to adequate processing.

Soy flour shall be prepared and packaged under modern sanitary conditions.

The soy flour shall be free from burnt, musty, rancid or other undesirable flavors or odors; free from burnt, scorched or grayish color and free from insects, insect webbing, dirt or other extraneous matter.

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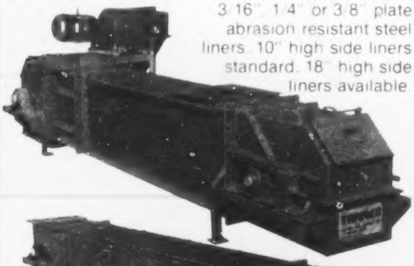

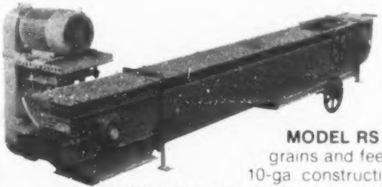

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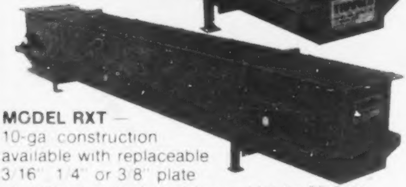

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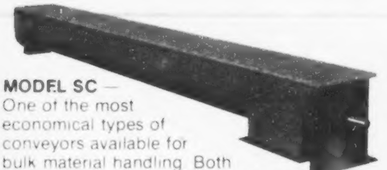

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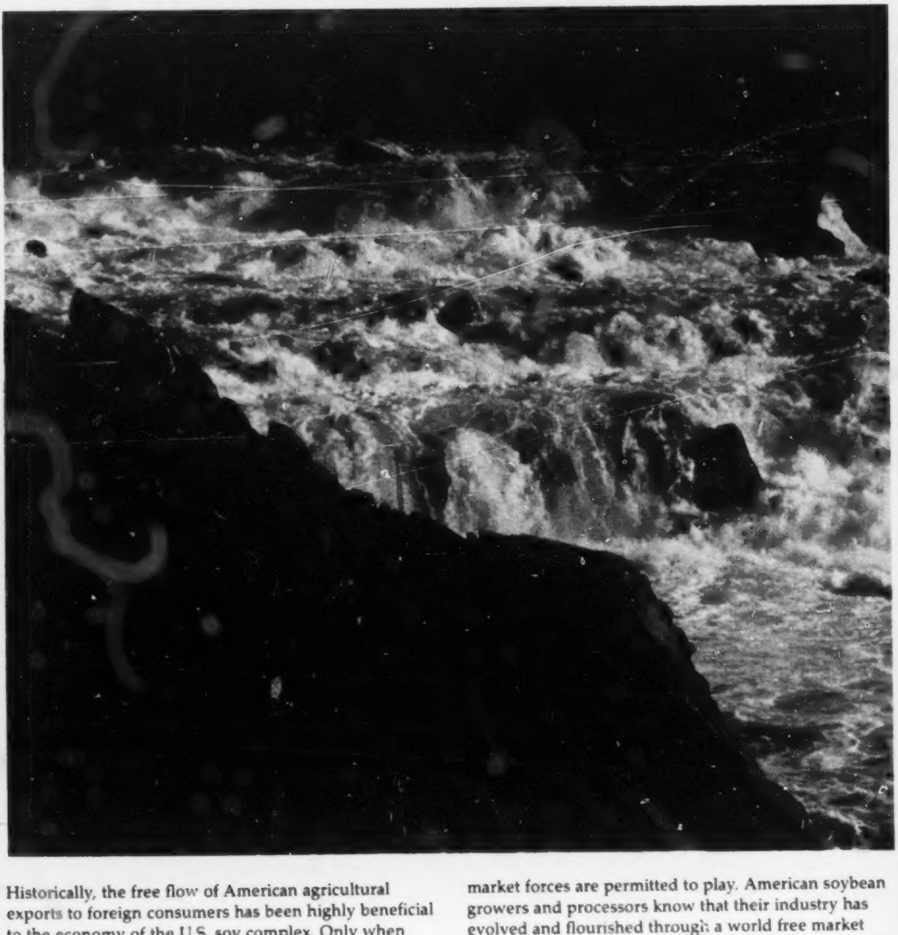

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